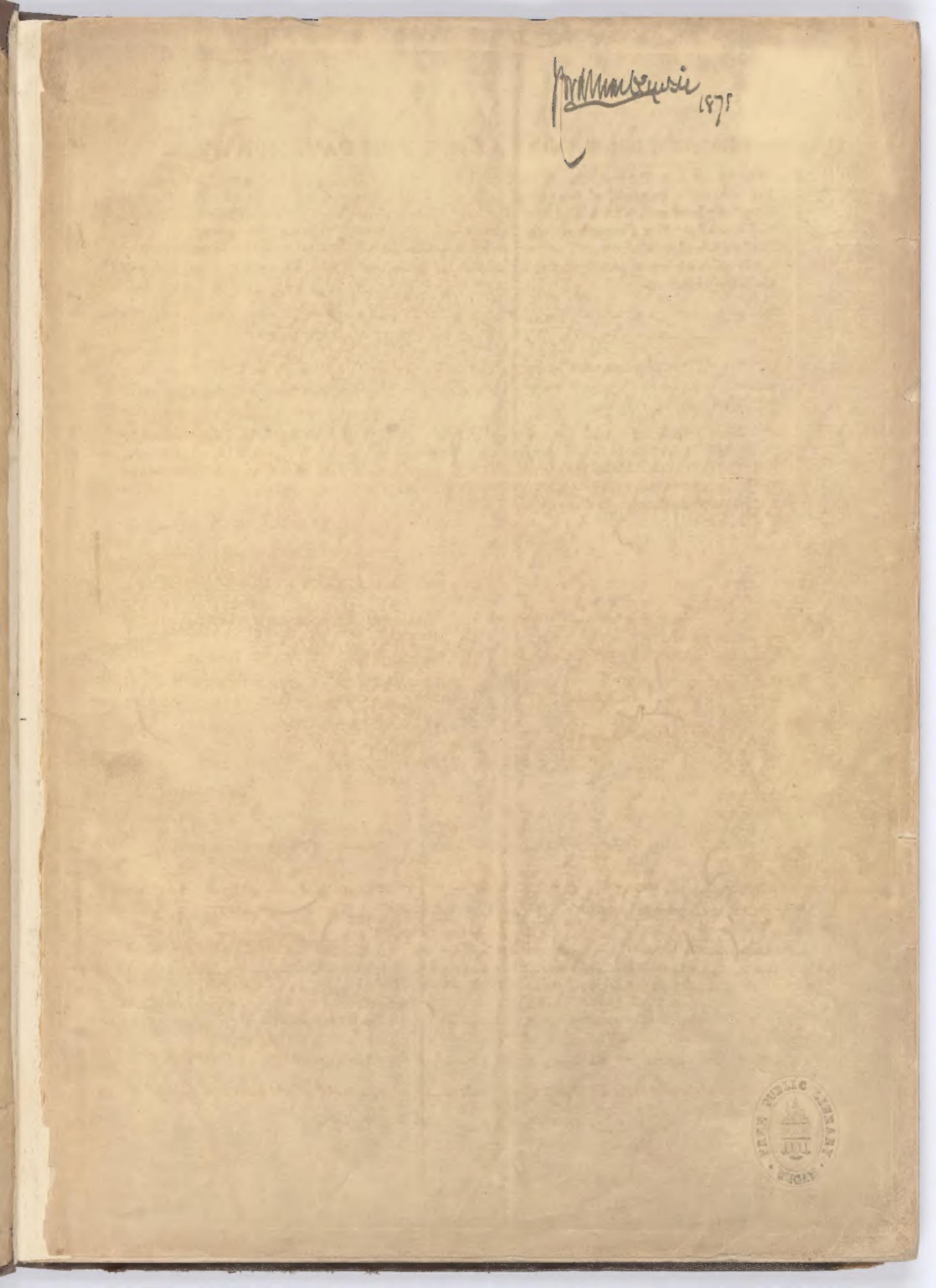
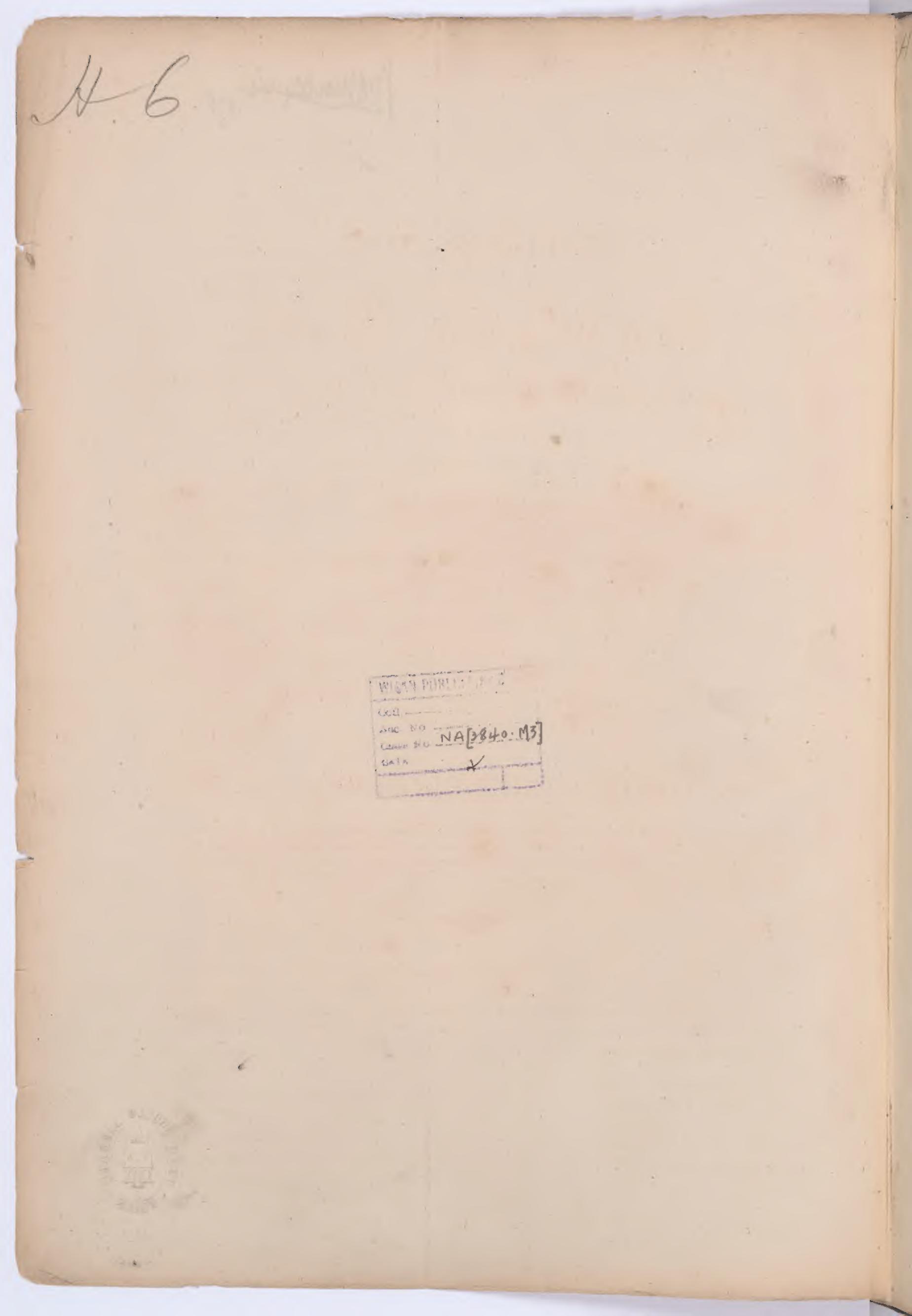


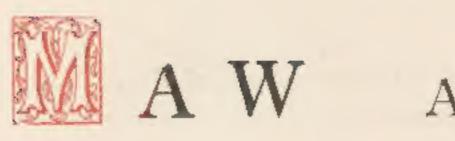
wichward 8d

It is respectfully requested that the Pages of this Volume may not be cut or mutilated; any particular Sheet of the Design that may be required for cutting up will be sent, without charge, on application to Maw and Co., Benthall Works, Broseley, Salop.





PATTERNS OF





O.'S

ENCAUSTIC TILE, GEOMETRICAL MOSAIC AND PLAIN TILE PAVEMENTS,
AND MAJOLICA AND ENAMELLED WALL TILES, WHITE
GLAZED TILES, ARCHITECTURAL
ENRICHMENTS, Etc.

For Entrance Halls, Corridors, Passages, Conservatories, Churches, Cemetery Chapels, Porches, Gangways, Foot-Paces, Porticos, Verandahs, Balconies, Stables, Dairies, Hearths, Fireplace Linings, Exterior and Interior Wall Panels, Inscriptions, Street Lables, Tablets, Plinths, Skirtings, Pilasters, String Courses, Risers of Steps, &c.

BENTHALL WORKS BROSELEY, SALOP.

** Telegraph and Railway Station at Ironbridge, on the Severn Valley Line, is within three minutes' walk of the Works. Ironbridge Station can be reached by way of either Shrewsbury or Worcester, also by the Severn Junction branches from the Shifnal and Wellington Stations of the Shrewsbury and Birmingham Railway, the Wellington Station of the London and North Western Railway Branch from Stafford, and by the Craven Arms Station of the Shrewsbury and Hereford Railway.



APPLICATION FOR ESTIMATES should be accompanied by an exact plan of the space to be covered, with all the dimensions marked in figures, and bearing the name and address of the sender. Care should be taken that the position and size of all door entrances and recesses that have to be paved, are correctly represented, and, where the walls are not exactly parallel, the distances between the opposite angles should be given, as well as the measurements along the walls.

A sketch of any of the designs adapted to the dimensions of spaces proposed to be paved, will be supplied on application, accompanied by an estimate of cost, including the expense of laying, or otherwise.

A PRICE LIST, easy of reference, giving the price per square yard of the tiles forming each of the designs, also the approximate cost of the complete pavements, will be supplied on application.

DIRECTIONS FOR LAYING THE PAVEMENTS.

Preparation of the Foundation. If the Foundation is not sufficiently solid, lay, as evenly as possible, a bed of concrete, composed of one part of finely riddled quick-lime, and three of gravel, and bring it to a perfectly level surface by a thin coat of cement, allowing about three-eighths of an inch more than the thickness of the tiles for the cement to be used in bedding them. In tiles of half-inch substance, the level surface of foundation should be brought to within from three-fourths to seven-eighths of an inch of the intended surface of pavement, and for tiles of inch substance, to within one and a-quarter inches of the intended surface.

In preparing concrete foundations, the introduction of lumps of unstaked lime should be carefully avoided, as they are liable to swell and displace the pavement.

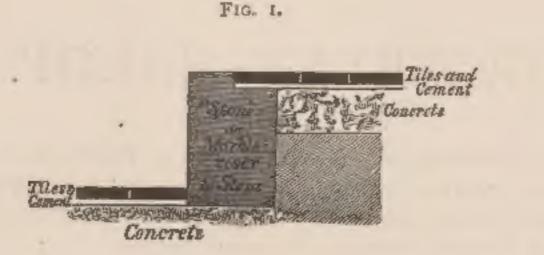
A good foundation may also be prepared by laying an even layer of bricks; or if the tile pavement is to replace a pavement composed of flags or stones, these form an excellent foundation when lowered to the required depth.

Wood floors in upper stories may be readily replaced with mosaic, the foundation being prepared by nailing fillets to the joists at three inches from the upper surface, and the floor boards sawn into short lengths, and fitted in between the joists upon the fillets; concrete may then be filled in flush with the upper face of the joists, and faced with the coat of cement before mentioned. The tiles and cement will occupy about the same space as the floor-boards they replace.

Tiles should on no account be laid on boarded floors without the intervention of concrete, as they are certain to become loose within a few weeks of being laid.

Sunk Mars. Spaces intended to be occupied with a sunk door-mat should be surrounded by either a wooden or stone kerb, from two to three inches wide, and the sunk space may be paved with plain tiles, or boarded. In giving dimensions of "mat space," it should be stated whether the size is inclusive or exclusive of the surrounding kerbs.

STEPS. Where spaces to be paved are interrupted by a step, a stone nosing, at least three inches wide, should be provided for the tiles to finish against; a convenient arrangement is to have the whole riser of step com-



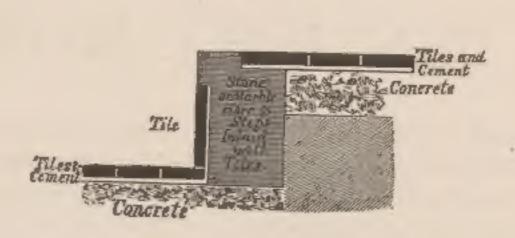


FIG. 2.

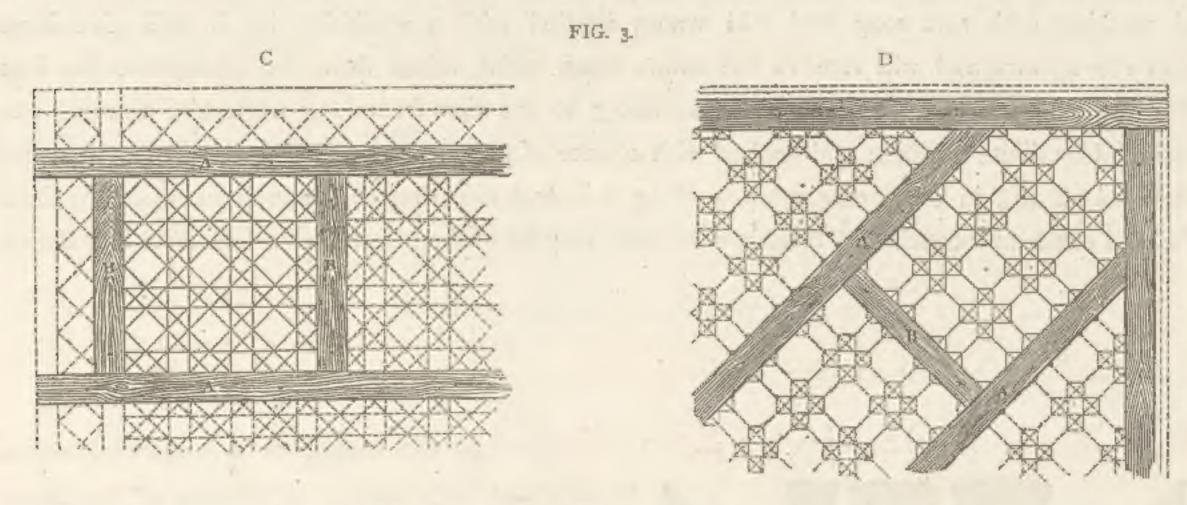
posed of stone (see Fig. 1); or a tile may be inserted in the face of the riser (see Fig. 2). In giving dimensions of spaces to be paved, the exact width of the stone nosings of any steps should be stated.

CEMENT. A cement composed of a mixture of Lias and Portland is specially manufactured for our tile work, and can be supplied in casks or sacks, but either Lias, Portland or Roman cement of good quality may be used. Either of the above cements may be mixed with about one-third of its bulk of good sharp sand. No cement that is very quick in setting is suitable, as it does not afford sufficient time for the proper adjustment of the tiles. Half a bushel of cement to a square yard is sufficient for facing the foundation and bedding the tiles.

SAND employed for mixing with the cement should be sharp, and free from loam.

Some of the sand in the neighbourhood of Manchester, and other parts of Lancashire and Cheshire, contains fragments of a tarry, bituminous substance, which produces unsightly stains on the tiles, and should be carefully avoided. In this district it is recommended to lay the tiles in pure cement, without sand.

LAYING THE TILES. After carefully marking out the position of the several parts of the design (which should be previously ascertained by laying out temporarily a part of the pavement) in chalk lines on the cement surface of the foundation, the part of the space first intended to be laid should be included

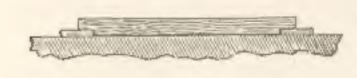


C represents the operation of laying a portion of pavement, on which the principal lines are square with the side of the space.

D is part of a pavement placed diagonally. The darker lines show the part under operation. The dotted lines indicate the position to be occupied by remainder of pavement.

by strips of wood, or guides (A A and B B Fig. 3), about four inches wide, fixed with nails on the foundation, and of exactly the thickness of the tiles and the cement used in bedding them, the cement having been spread of the right thickness within this space, and levelled with a piece of wood, thus.

The tiles after having been thoroughly soaked in water, may be placed upon it,



The tiles after having been thoroughly soaked in water, may be placed upon it, and beaten down to the level of the guides, under a flat piece of wood, with a mason's hammer or mallet, the joints being at the same time carefully regulated with a small trowel.

By this process the whole of the tiles will be brought to a perfectly even surface, and thoroughly consolidated with the cement, which the beating down regularly distributes under them, counteracting any slight variations in their substances, by depressing the thicker tiles, and floating upon the cement so displaced those that may be too low.

The evenness of the surface should be occasionally tested with a mason's straight-edge, of sufficient length to bear on the guides.

The workman will have to use his discretion in determining the portion of the pavement it will be most convenient to commence upon. In regularly formed spaces, it will be best to lay a part of the general pattern across the whole width within the borders, in the centre of the pavement. This will enable the work to be symmetrically disposed; the borders may then be laid to it, after which, the general patterns may be completed within the borders. Care should be taken that the work is placed centrally with the space, so as to avoid having a wider margin on one side than the other. This can only be ensured by temporarily laying down a part of the pattern, and ascertaining the exact space the tiles occupy; the laying should then be proceeded with in every direction from the centre.

The foundation should be kept thoroughly wet whilst the pavement is being laid,

When the bedding is sufficiently hardened, mix some pure cement (without sand) with water to the consistency of cream, to run into the joints, taking care that what remains on the surface is wiped off before it dries hard. Cement or dirt should not be allowed to harden on the surface during the laying, and the pavement should be carefully covered up with a layer of saw-dust till the painting and all other work is completed. After first being laid, the pavements are liable to injury from the heavy traffic of workmen, and unless protected, may be permanently disfigured by paint-stains and dirt.

When the tiles have to be cut, rule a line where the division is to be made, and rest the back of the tile on the sharp edge of a stone, immediately under the line, along which bruise the surface with a hard, sharp chisel; the parts will easily separate, after which, chip the back edge even.

It is recommended to remove the skirting boards from the walls whilst the pavement is being laid. When replaced, they should rest on the tiles; the trouble of cutting the outer tiles to fit against it will be avoided, and a much neater appearance produced than when the outer joint is visible.

DIRECTIONS FOR KEEPING THE PAVEMENTS CLEAN. An

occasional washing with soft soap and cold water, applied with a scrubbing brush, will give increased brilliancy to the colours, and will remove the saline scum which arises from the cement for the first few weeks after the tiles are laid. Stains or dirt adhering to the tiles from long neglect of cleaning may be readily removed by dilute muriatic acid applied with a piece of pumice stone. Care should be taken that the acid is all wiped off, and in every case after washing, it is desirable that the superfluous moisture should be wiped off with a clean and dry cloth. A little skim milk may be washed over the surface after it is thoroughly cleaned.

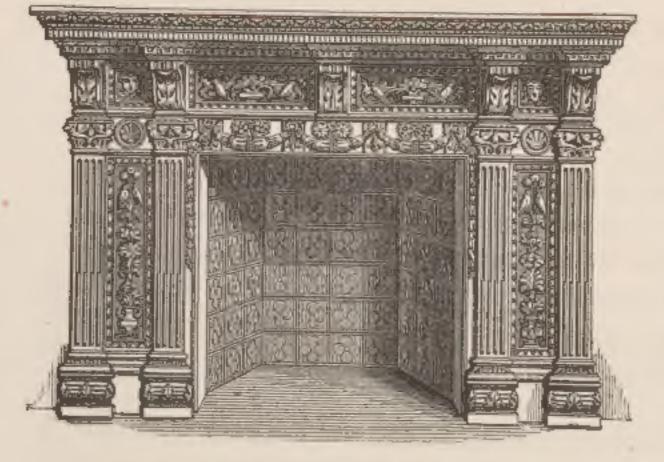
MAW & CO.'S MOSAIC TESSERÆ, for the formation of Pictorial Mosaics, can



be supplied in a variety of colours, of the forms and sizes represented on the accompanying engraving

MAW & CO.'S ARCHITECTURAL MAJOLICA, plate 51. Pilasters, Friezes, Plaques, Panels, Enamelled Hemispherical Bosses, &c., for internal and external decoration. Estimates and prices on application.

MAW & CO.'S MAJOLICA CHIMNEY-PIECE, Fender, Tile Hearth and



Fire-place Tile lining, available for the use of Fire Dogs or with Maw & Co.'s Registered Majolica Stove Grate. (See also plate 51). (Dimensions—Height 4 feet 8 inches, width (extreme) 7 feet exclusive of Marble Shelf not shewn in engraving.)

Are highly decorative; save the labour of cleaning and polishing metal work; are economical of fuel, as, with the exception of the Grate, they are constructed throughout of Non-conducting material. Being made in large pieces, they are easily fixed, and their enamelled surface reflects a large amount both of heat and light.

The Chimney-piece, Tile Hearth, Majolica Fender, Tilelining of Splays and Majolica Stove Grate, can be supplied separately.

Prices and particulars will be forwarded on application.

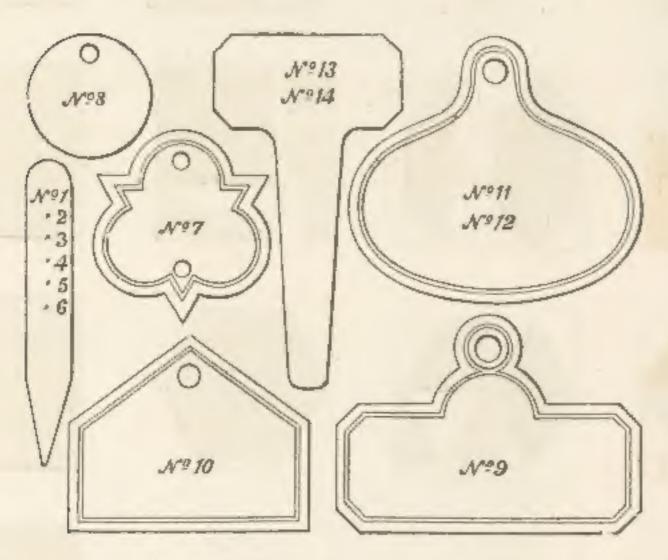
MAJOLICA VASES, FLOWER POTS, JARDINIERS, ETC., ETC.

MAW AND CO.'S PATENT IMPERISHABLE TERRA COTTA PLANT MARKERS AND GARDEN TALLIES, a cheap and permanent

substitute for wooden and zinc Tallies, for the labelling of plants in pots and in the open border, and for suspending to Roses, Orchids, Ferns, Fruit Trees, &c. These Labels, unlike Wood and Zinc, combine perfect durability with a lasting legible inscription, and form an elegant adjunct to the Garden and Conservatory for the naming of Horticultural and Botanical Collections. They are also invaluable for the labelling of Wine Cellars, and for employment in any position where other materials would be perishable by damp.

Commended by the Editor of the "Gardeners' Chronicle," Dr. Hooker, the Director of the Royal Gardens, Kew, and the Floral Committee of the Royal Horticultural Society.—(See "Gardeners' Chronicle," July 11th, 1868.)

Specimens sent post free on Application.



SIZES IN CREAM COLOUR OR BUFF. No. 1 3\frac{1}{2} \times \frac{1}{2} \text{ inch (Upright)} No. 2 41 X 8 ,, No. 3 5 × ½ ,,
No. 4 6 × ½ ,, No. 5 No. 6 8 X I ,, No. 7 2½ × 2 ,, (Suspending) No. 8 11 in. in diameter 3⅓ × 2⅓ inches No. 9 No. 10 28 X 21 No. 11 $3\frac{1}{2} \times 3$ 5 × 4½ " No. 12 (Upright) No. 13 No. 14 3 × 5

And other larger sizes mounted on Iron shanks for Arboretums and Botanical Gardens.

Can be seen in use at the Royal Gardens, Kew, the Gardens of the Royal Horticultural and Royal Botanic Societies, &c.

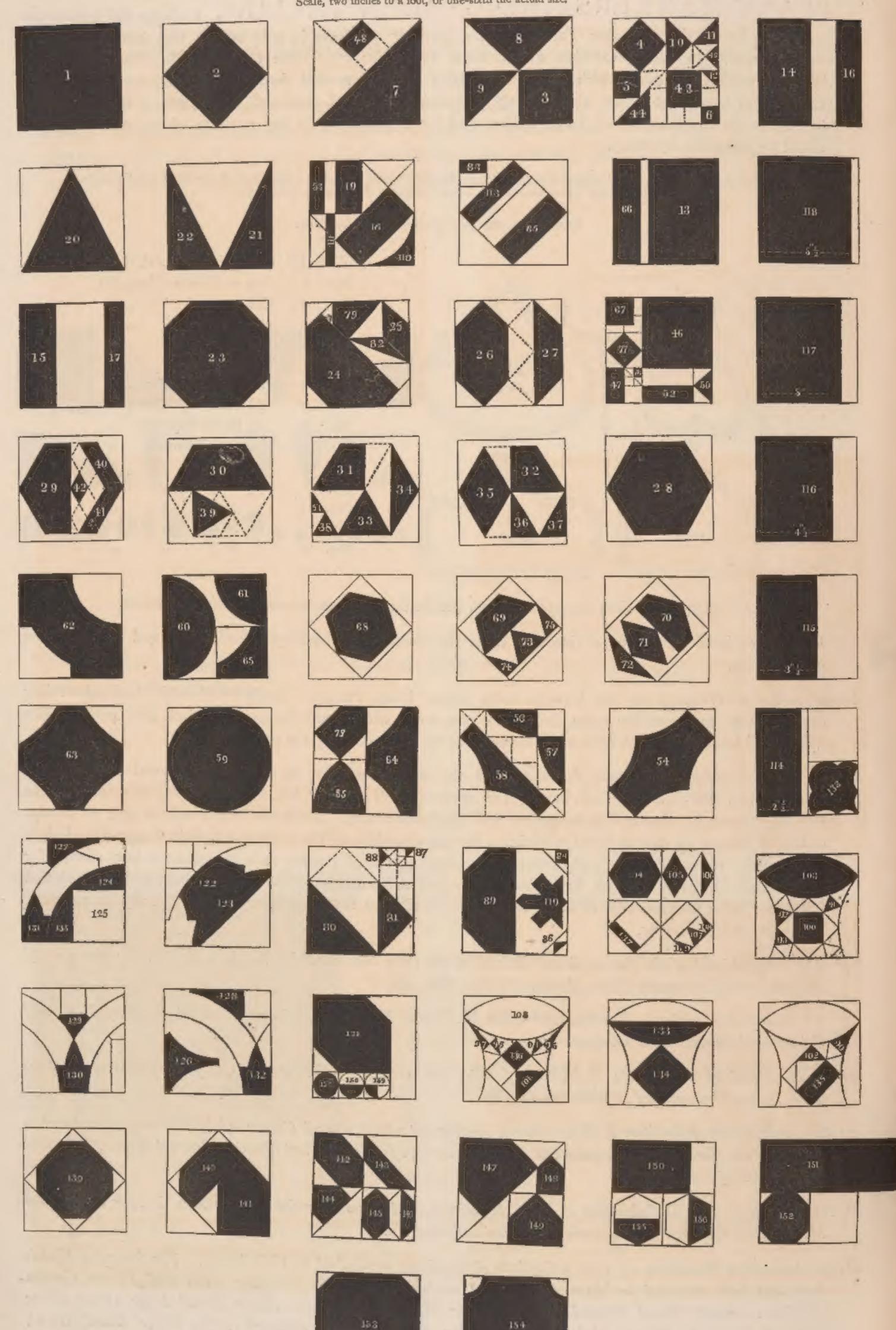
- DIRECTIONS FOR WRITING ON THE LABELS WITH BLACK LEAD PENCIL. Apply a little white lead paint thinly over the part to be written upon, and whilst wet, write with a hard fine-pointed black lead pencil. The writing will be perfectly indelible, and unaffected by wet, immediately the paint is set.
- BLACK ENAMEL WRITING ON THE LABELS. All the above sizes can be supplied in several colours, ready written upon, with black enamel, having the appearance of jet black ink, but perfectly permanent. These Enamel Written Labels can only be executed at the Manufactory. Estimates of cost will be sent on receipt of List of Names, in various styles of Writing, for any quantities of Pot or Border Labels, Suspending Labels for Orchids, Roses, Ferns, Fruit Trees, &c. Large labels of various sizes mounted on iron shanks, for Arboretums, Botanical Gardens, &c. Consecutive sets of Numerals printed on the Labels, with Enamel, and Labels for Wine Bins are kept in stock, and can be obtained at the Manufactory, or through any Nurseryman, Seedsman or Ironmonger.
- ** The Prize Medal of the International Exhibition of 1862 was awarded to MAW & Co., for excellence of Manufacture of Encaustic Tiles, Mosaic, Majolica Tiles, &c.

A second Medal was also awarded to SIR M. DIGBY WYATT, for beautiful combinations of Form and Colour in Maw and Co.'s Designs.

- The Prize Medal of the Dublin Exhibition of 1865 was awarded to MAW AND Co., for variety and excellence in the style of Ornament of their Encaustic Tiles.
- At the International Exhibition held at Oporto, in 1865, at which several Classes of Medals were distributed, a Medal of the First Class was awarded to MAW AND Co. for Geometrical Mosaic, Pictorial Mosaic, Encaustic Tiles. and Majolica Tiles.
- At the Paris International Exhibition of 1867, the Silver Medal was awarded to MAW AND Co., for Geometrical Mosaic, Pictorial Mosaic, Encaustic Tiles, and Majolica Tiles.
- At the Amsterdam Exhibition of 1869 a Diplome d'Excellence, equivalent to Gold Medal. The following Medals have also been awarded to MAW AND Co. at various Exhibitions for their Tiles and Patent Garden Markers:—Silver Medal, Brussels, 1870; Silver Medal, Ghent, 1870; Silver Medal, Liege, 1870; Silver Medal, Lille, 1870; Bronze Medal, Lacken, 1870; Bronze Medal, Antwerp, 1870; Silver Medal, Ghent, 1871; Bronze Medal, Brussels, 1871.

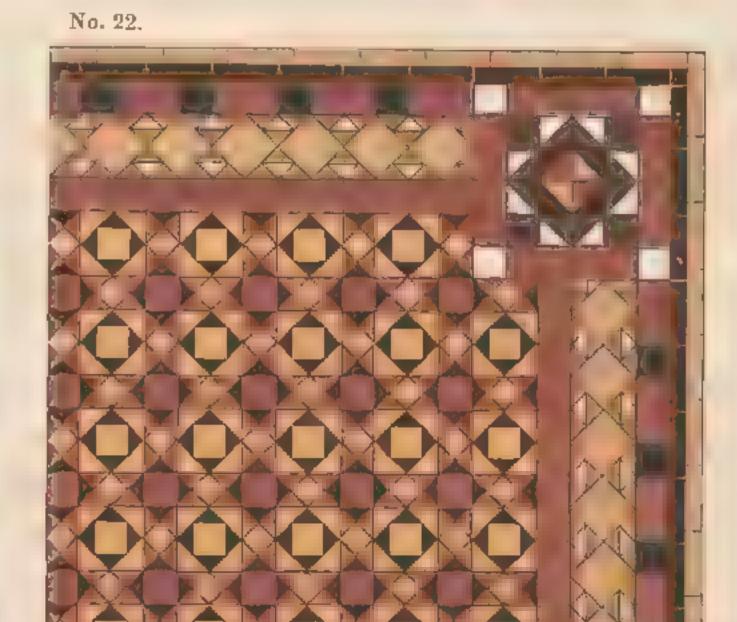
Diagrams showing the mutual relation of the various forms and sizes of Tiles and Tesseræ of which the accompanying Designs are composed, for the assistance of Architects and others who wish to arrange their own Designs.

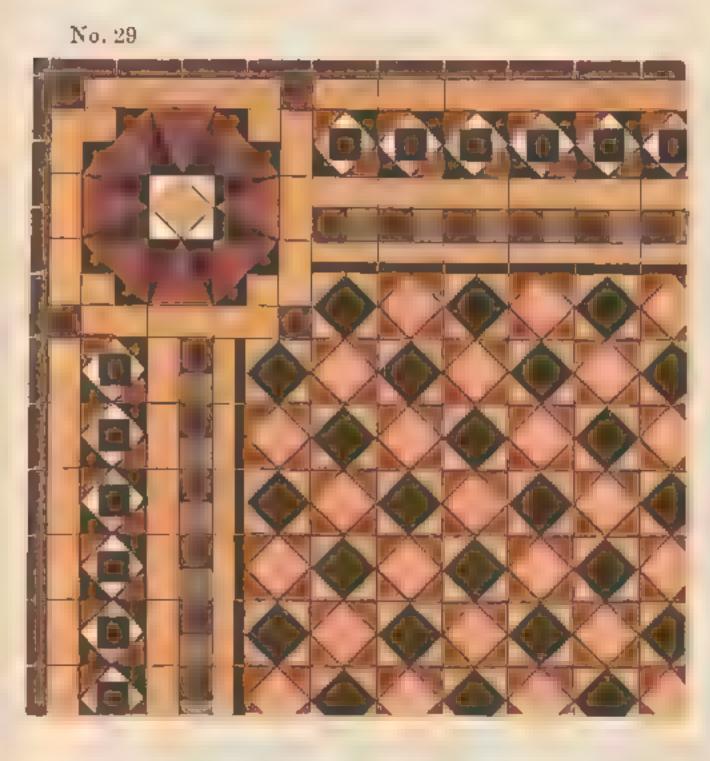
Scale, two inches to a foot, or one-sixth the actual size,

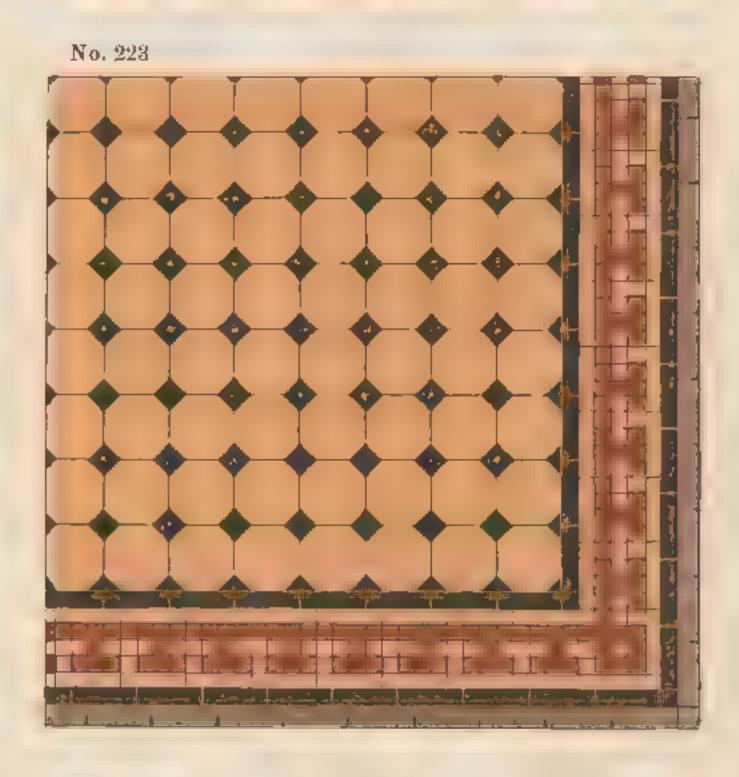


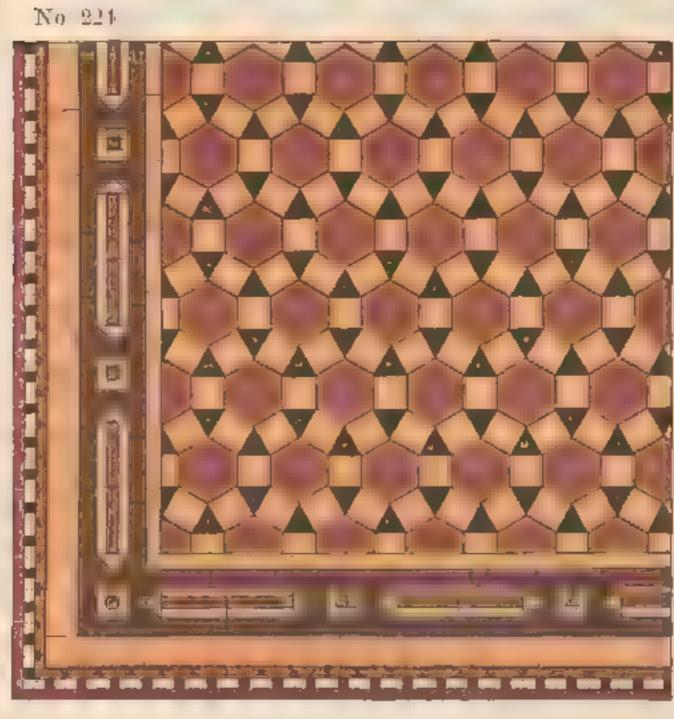
MAW AND CO.'S TILE PAVEMENTS BENTHALL WORKS, BROSELEY, SHROPSHIRE

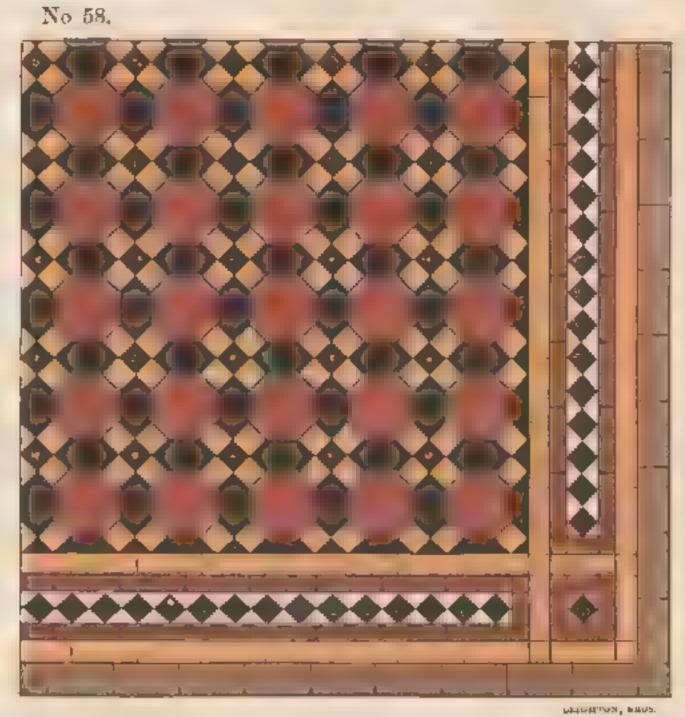
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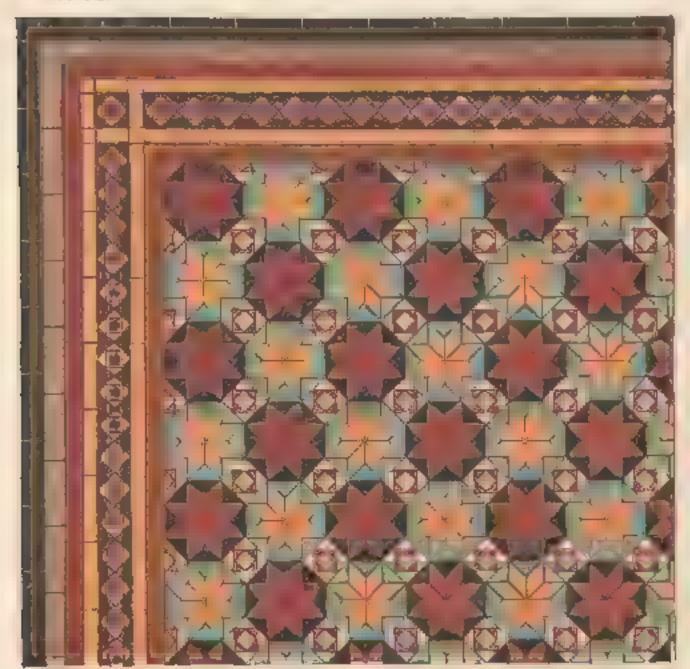




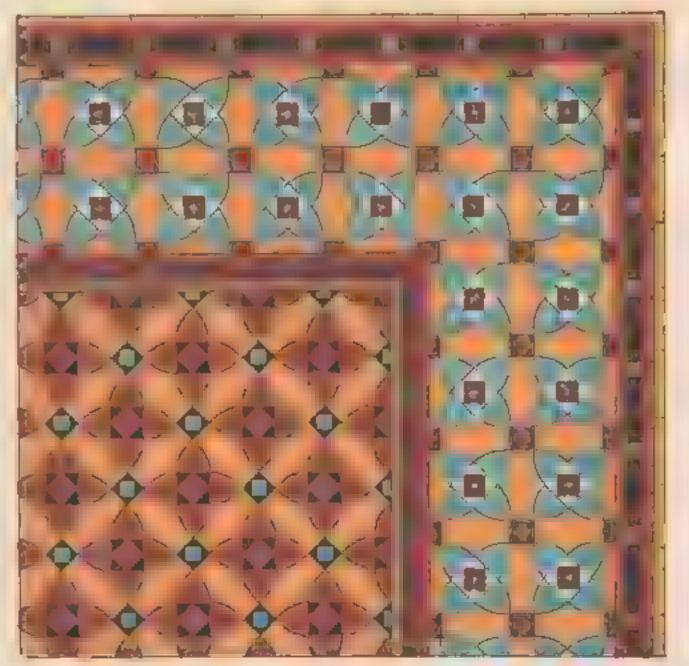


MAW AND CO.'S TILE PAVEMENTS. BENTHALL WORKS, BROSELEY, SHROPSHIRE.

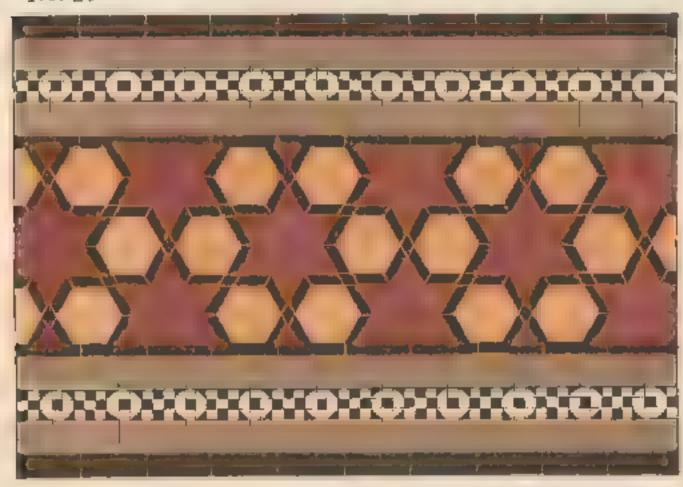
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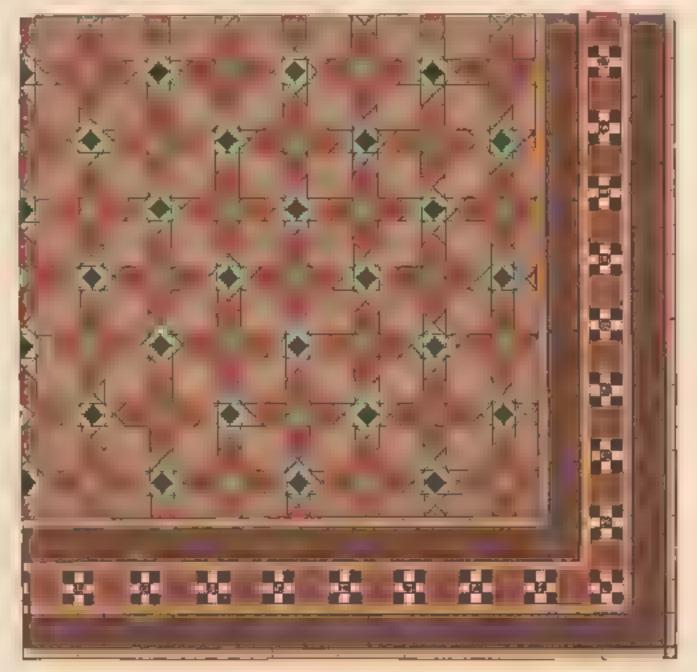
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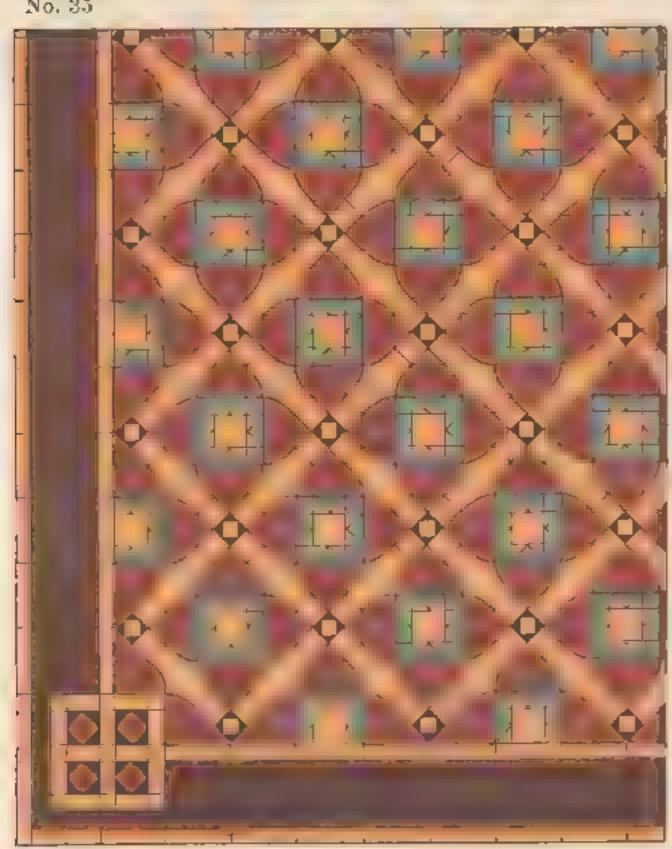
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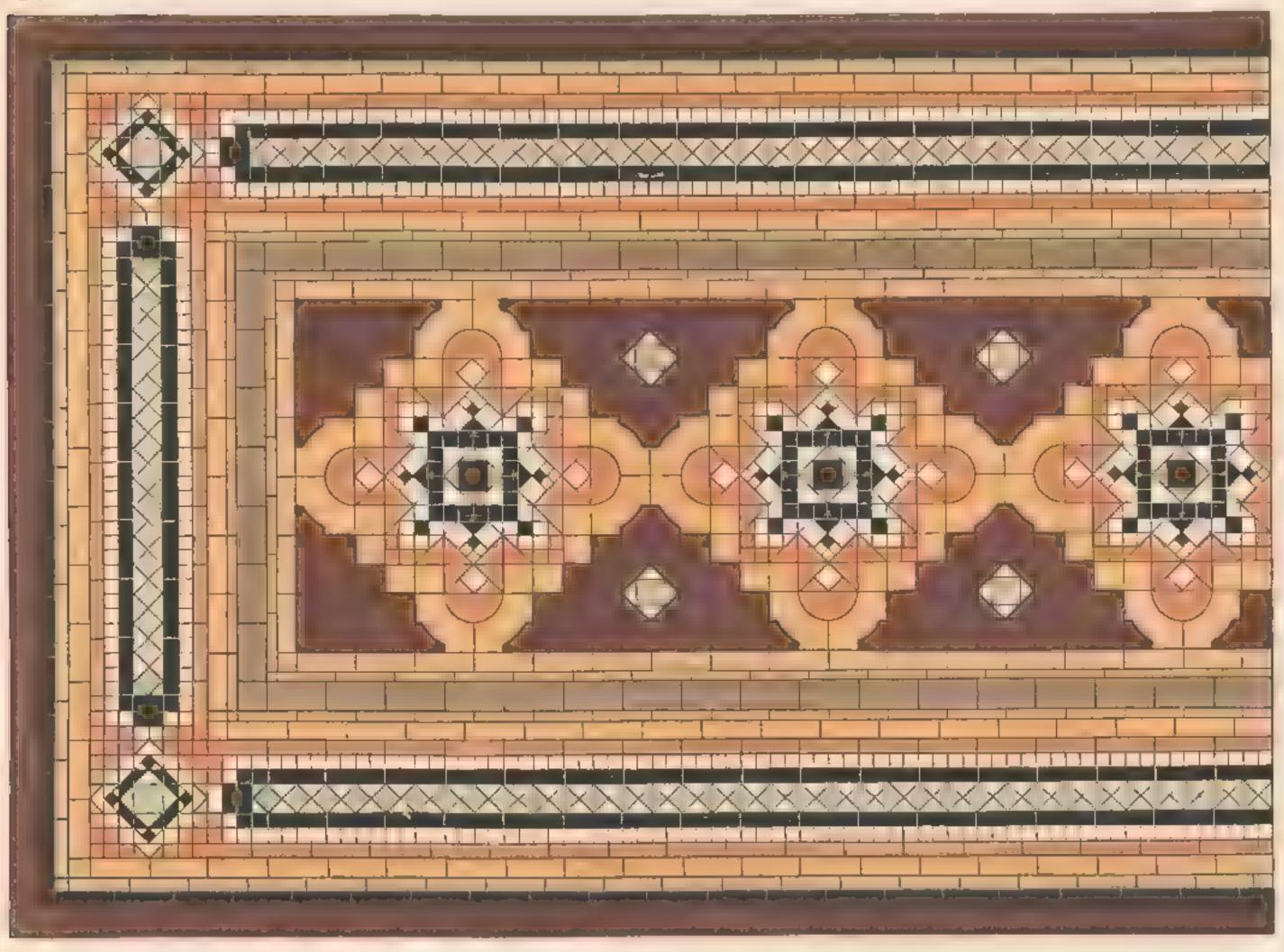


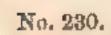
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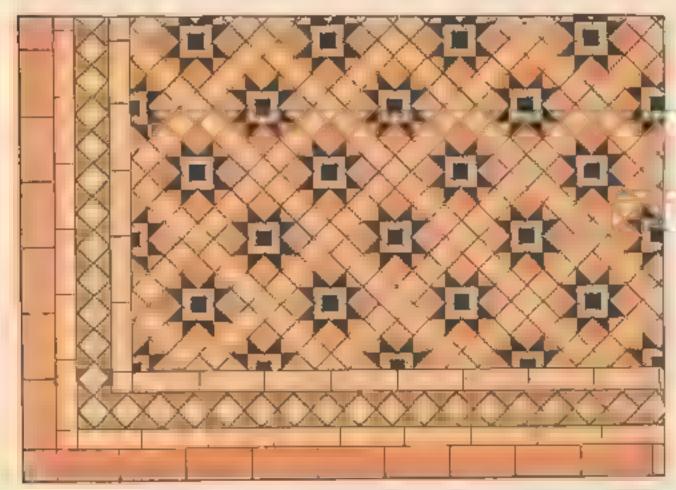


BENTHALL WORKS, BROSELEY, SHROPSHIRE.

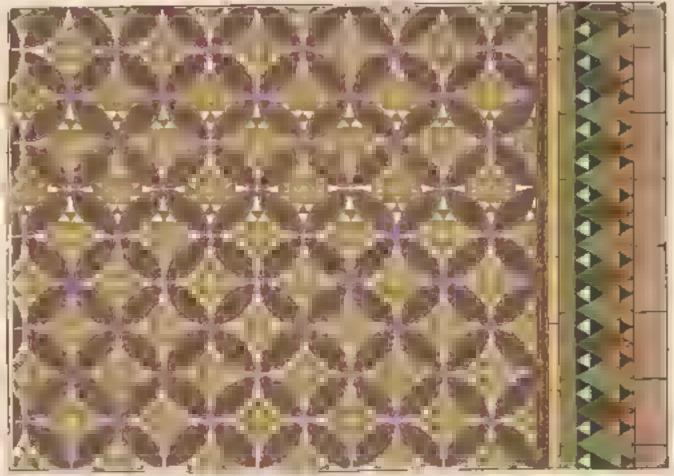
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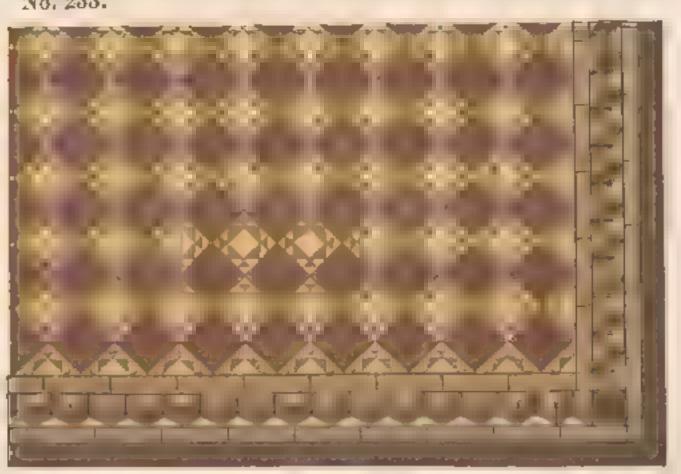
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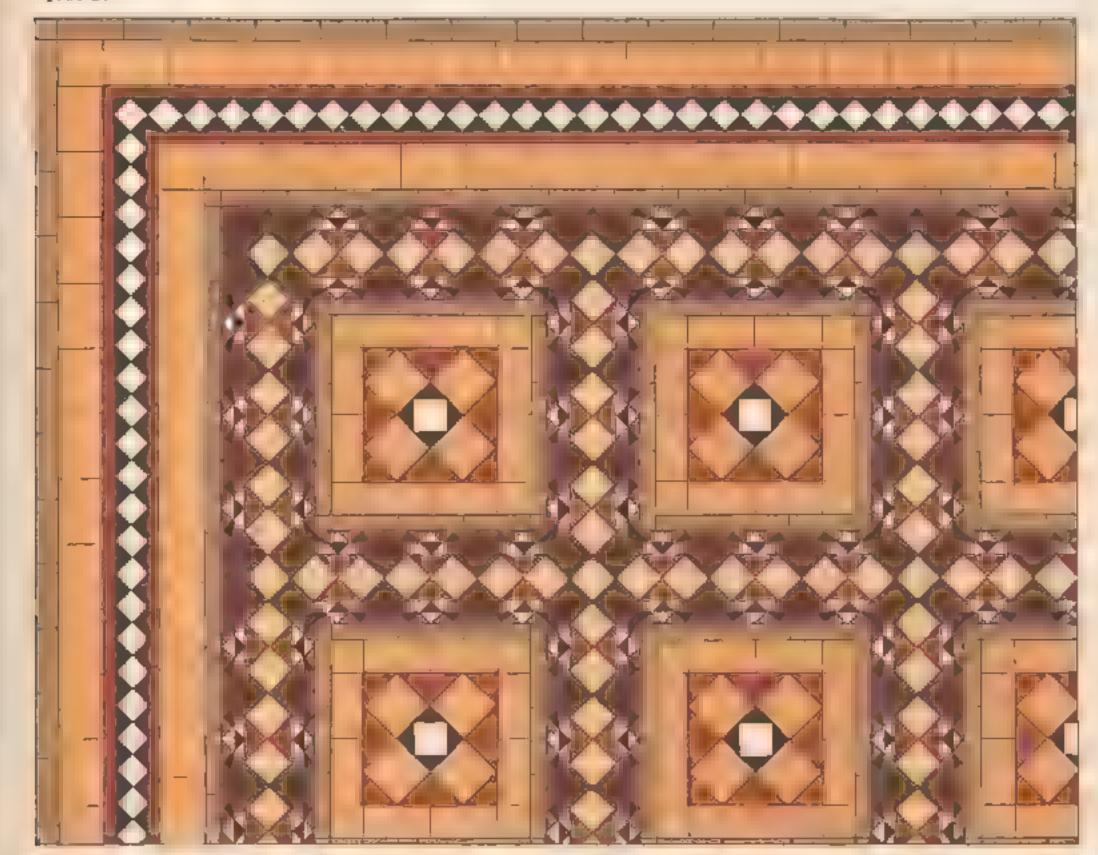


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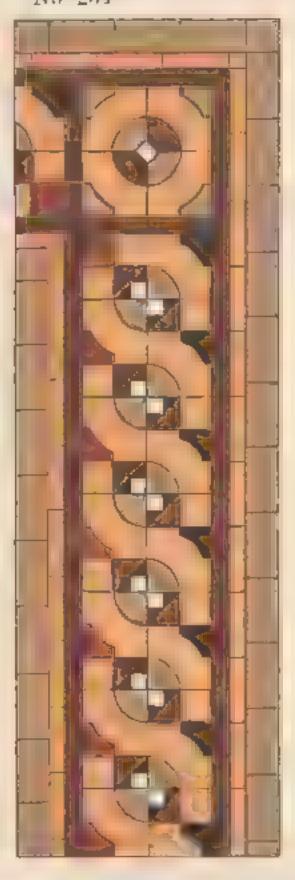


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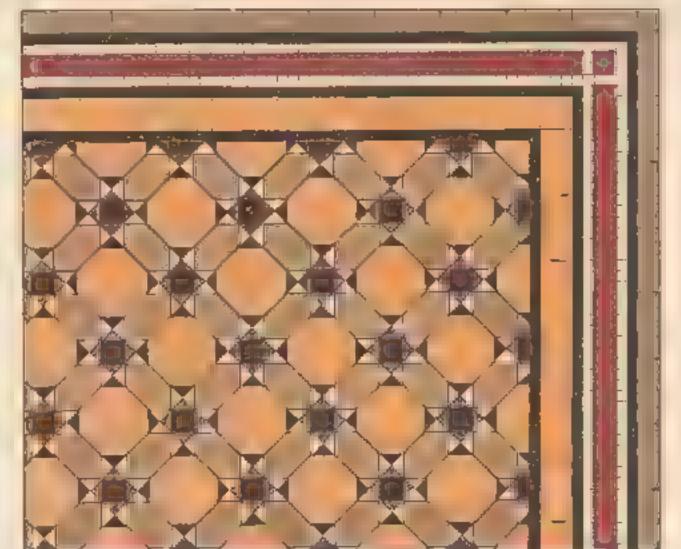
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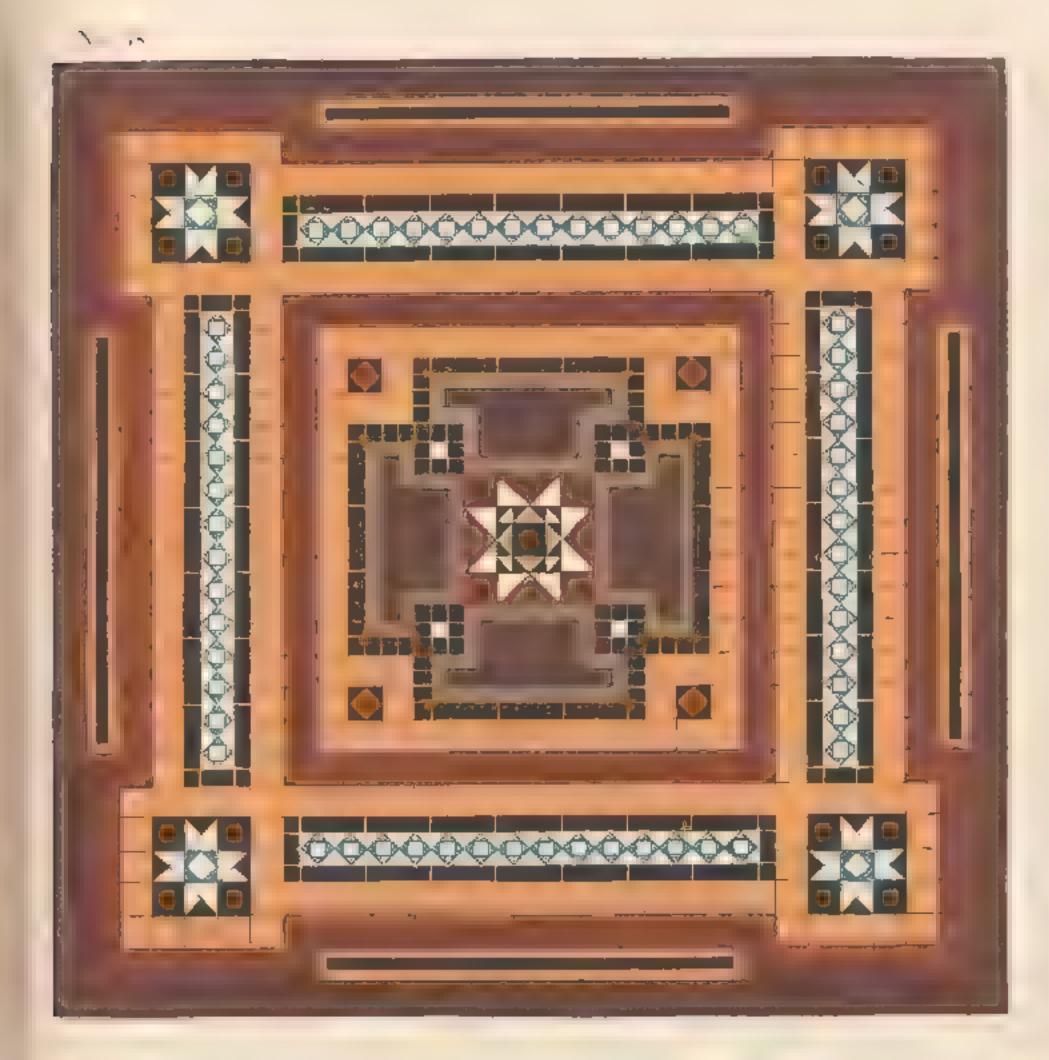


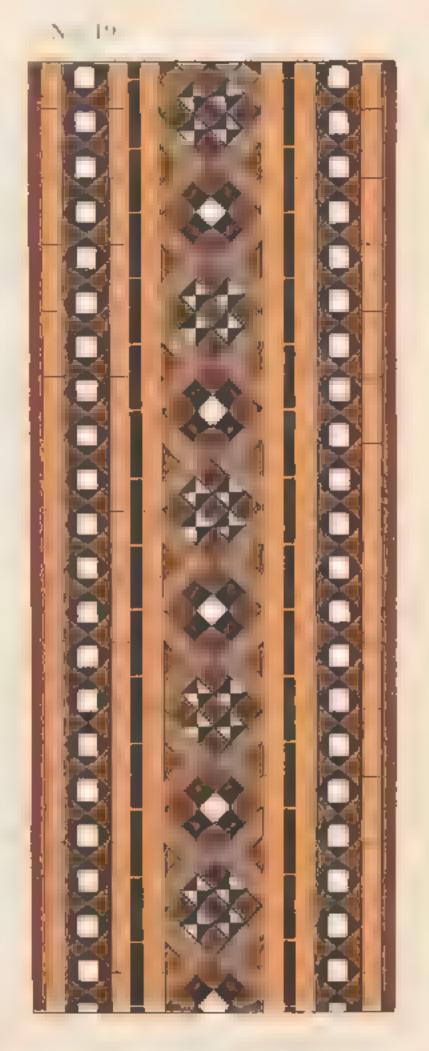


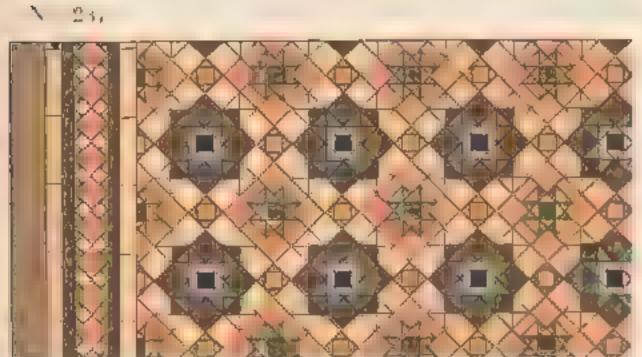
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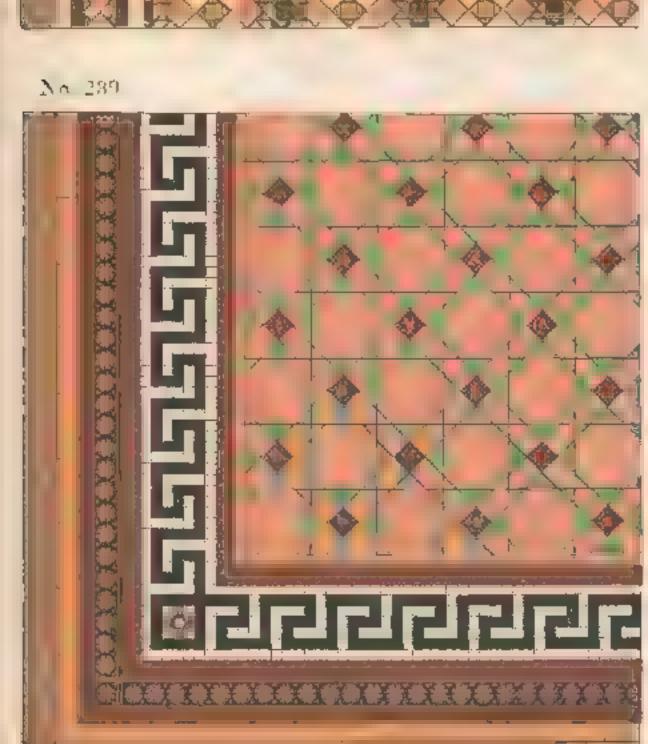


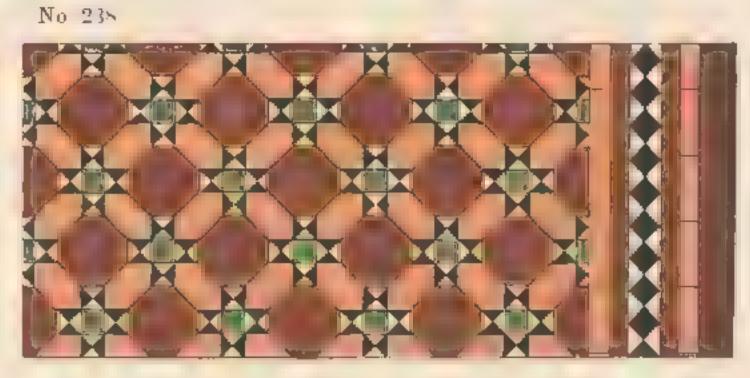
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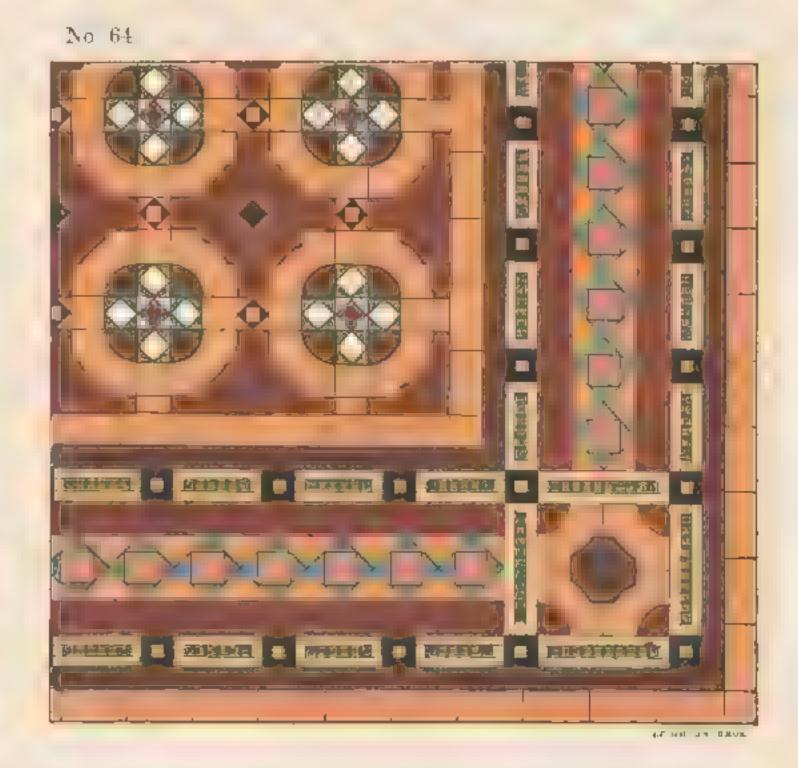








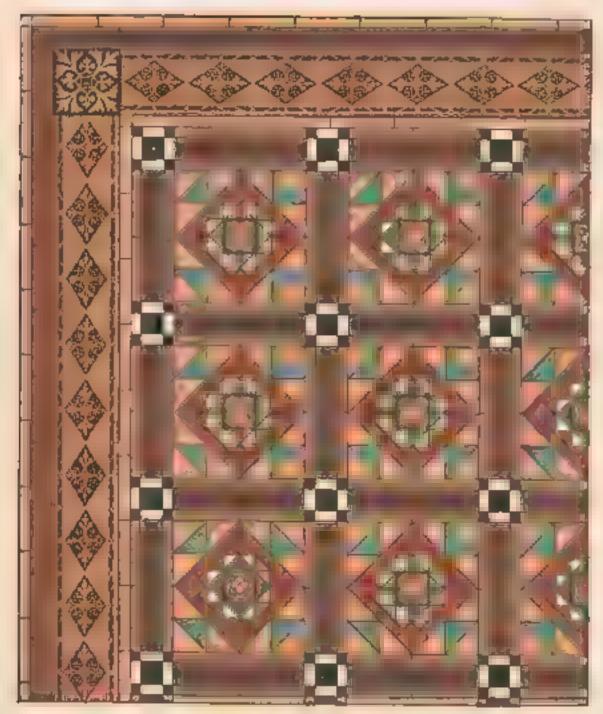




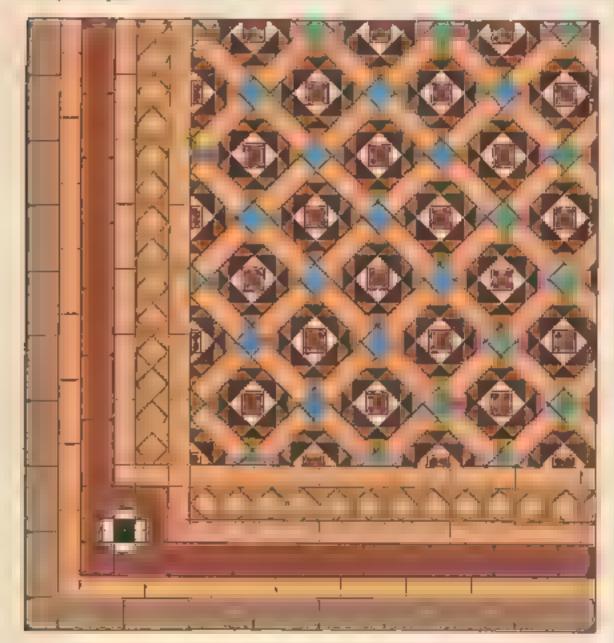


BENTHALL WORKS BROSELEY, SHR 11

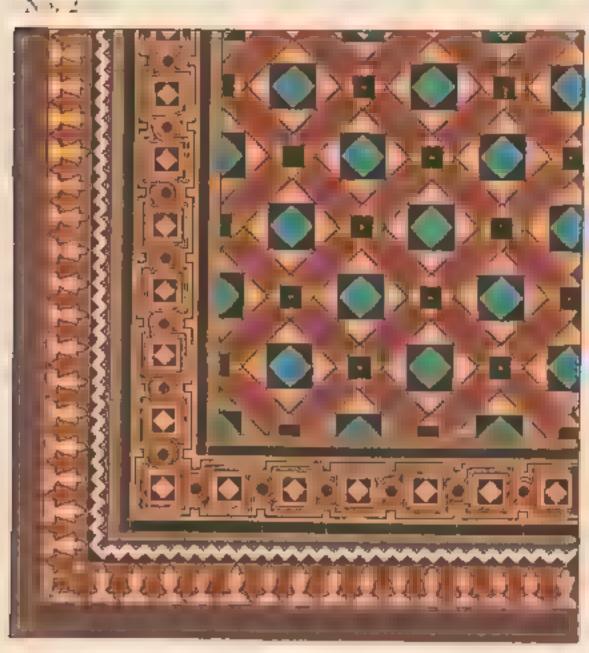
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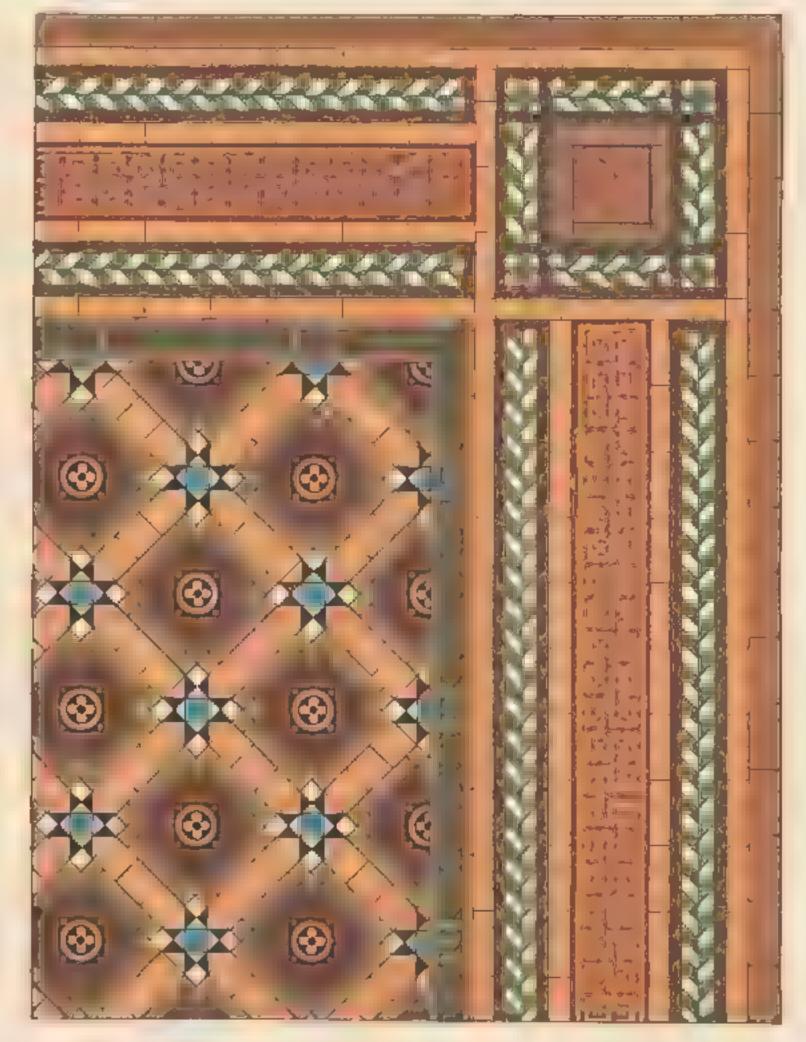
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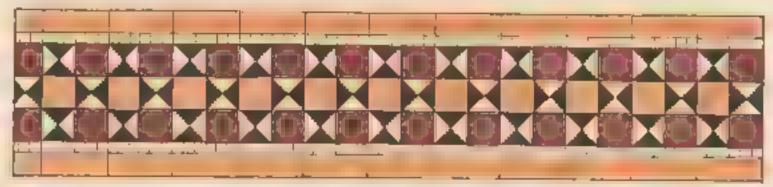
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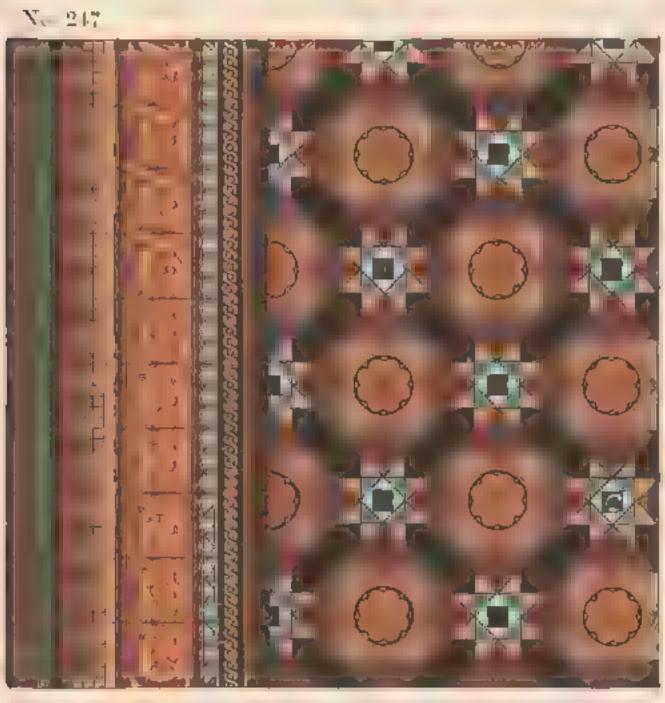


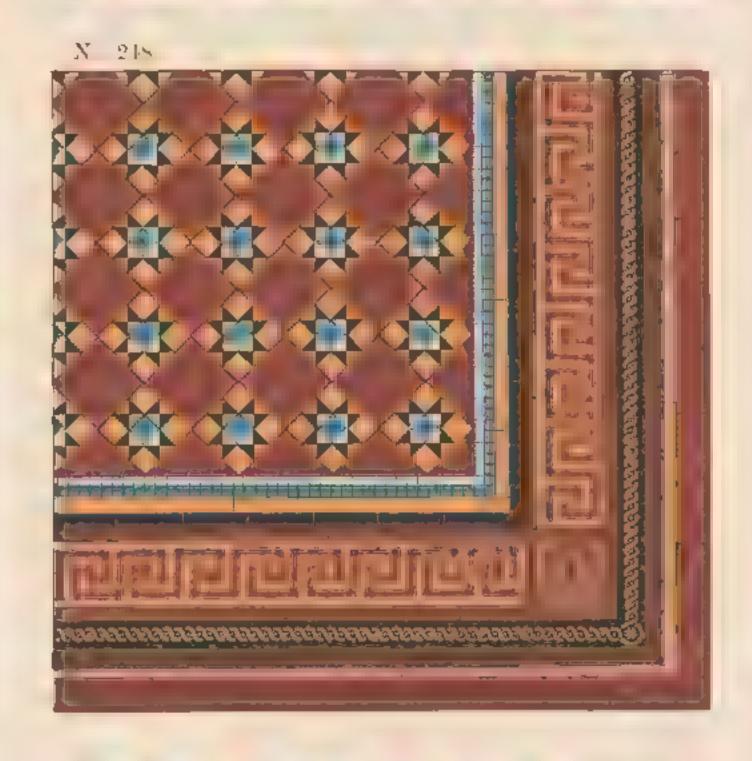


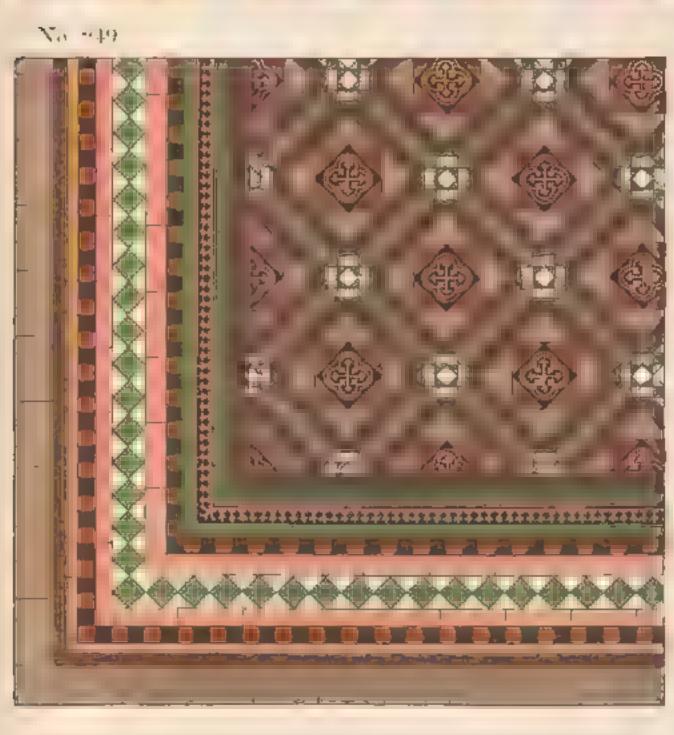
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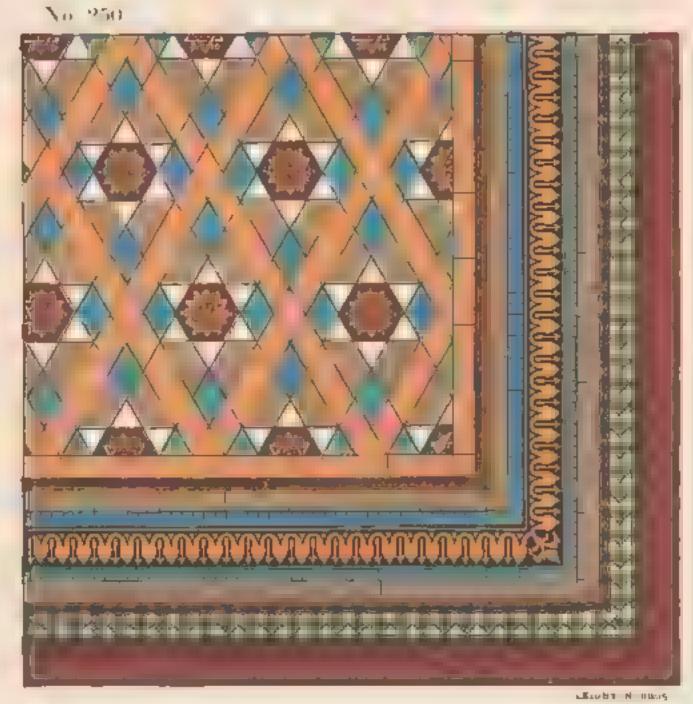












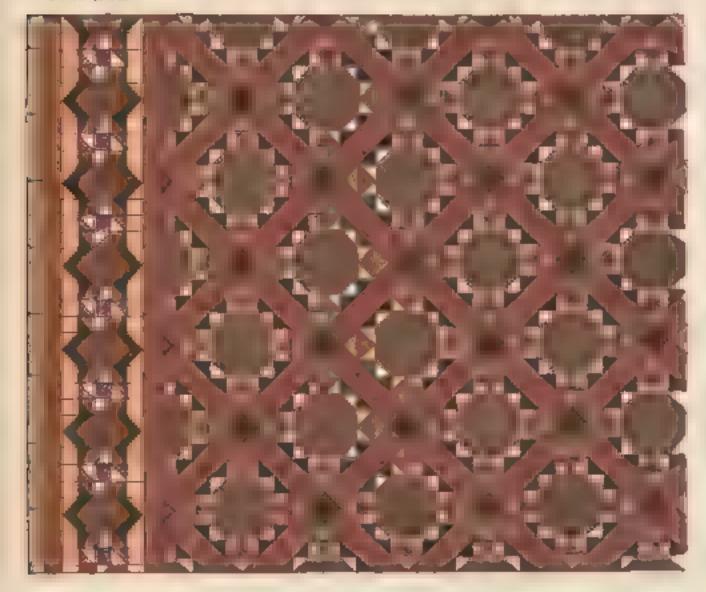


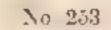
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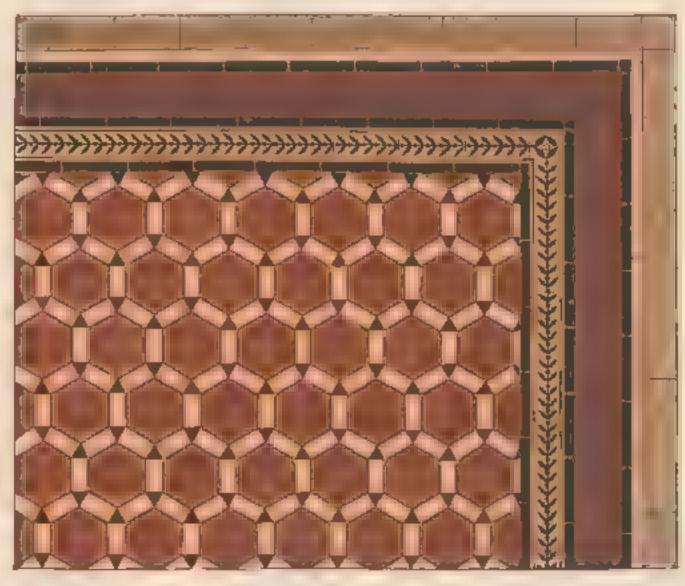
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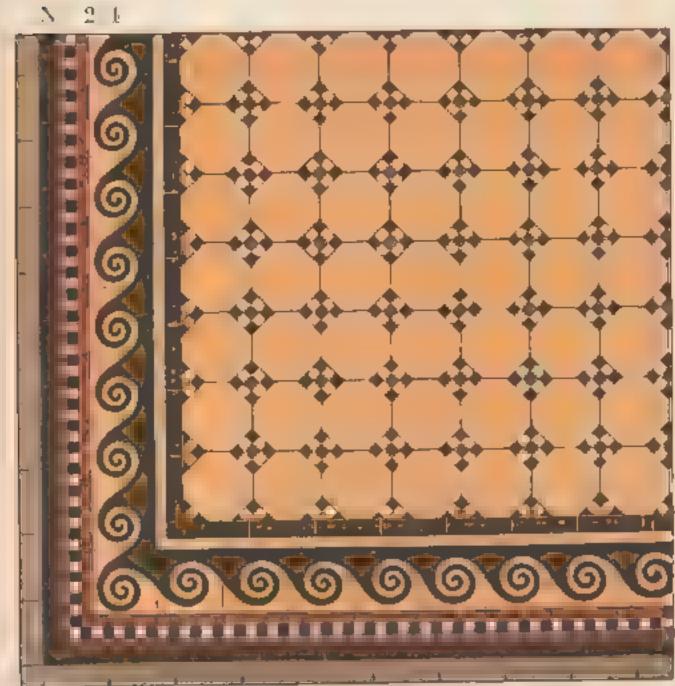




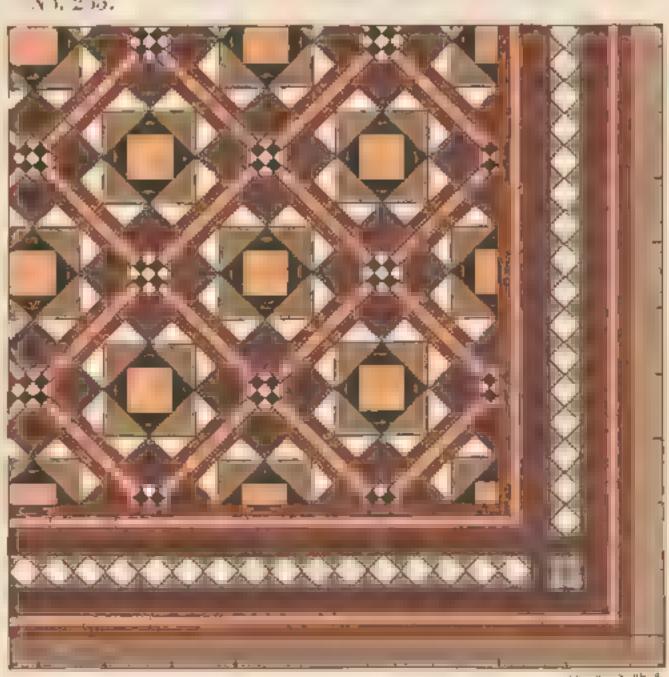








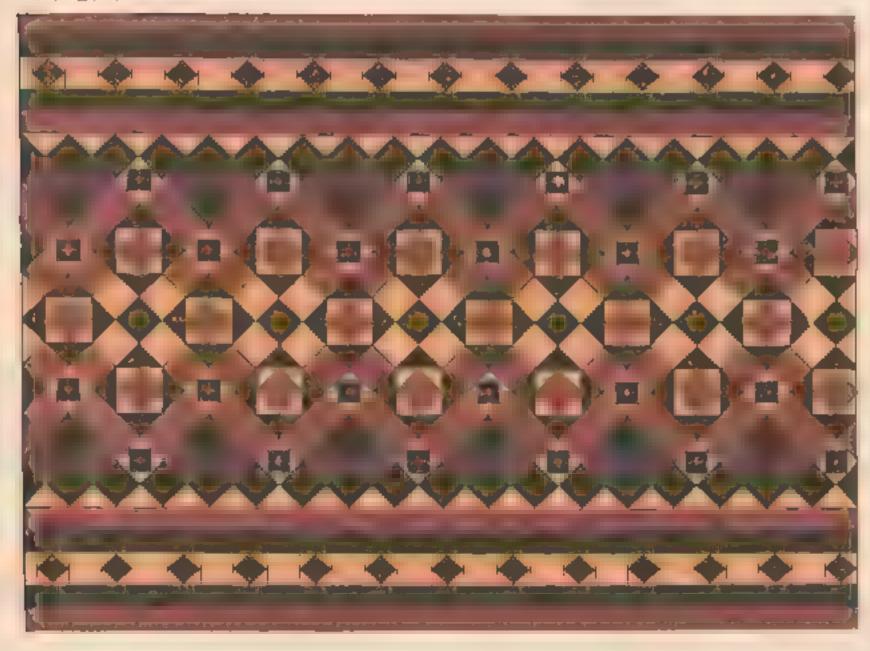
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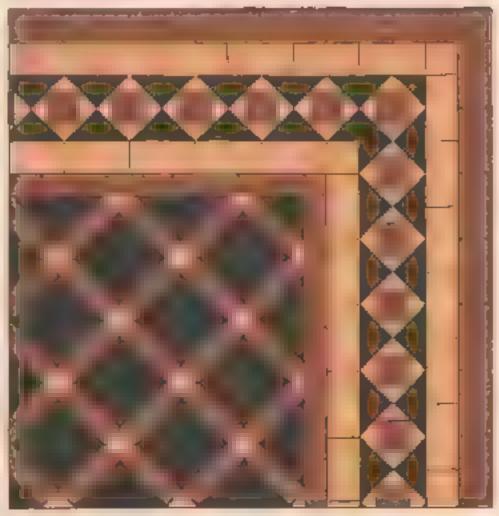


BENTHALL WORKS, BROSELEY, SHROPSHIRE

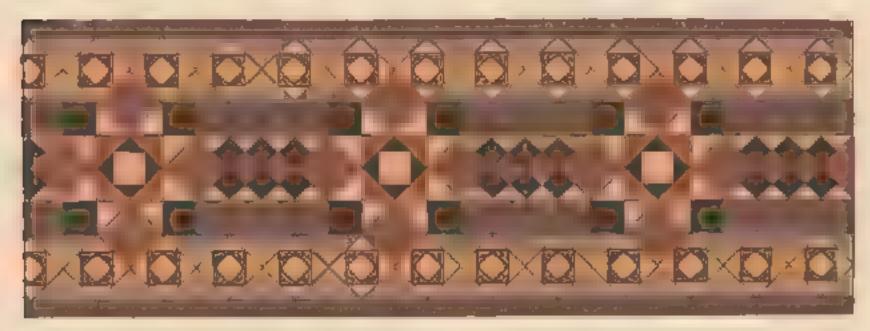
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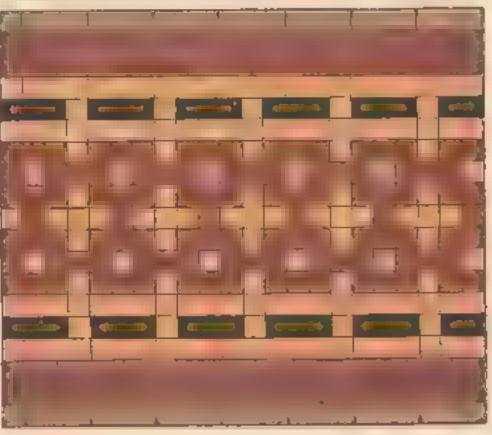
No. 60



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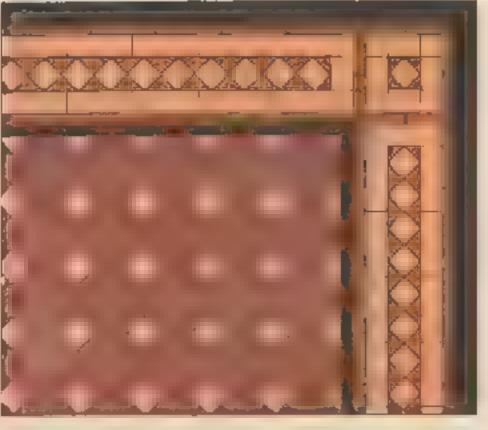
No 24



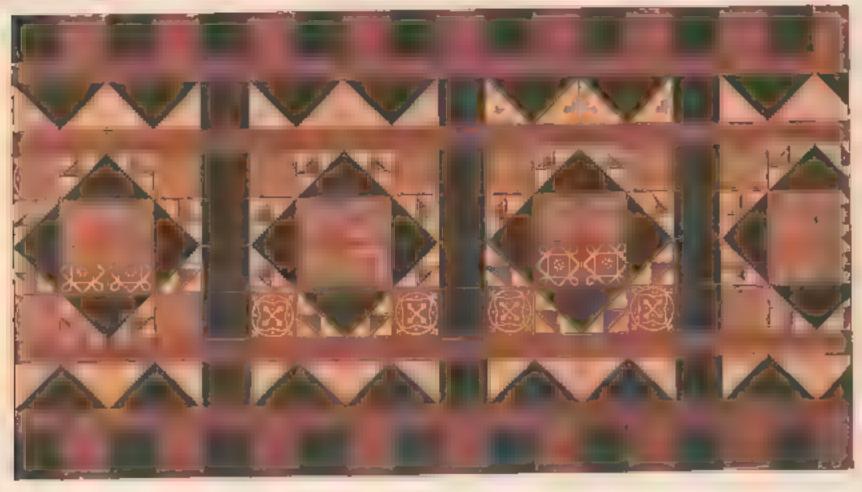
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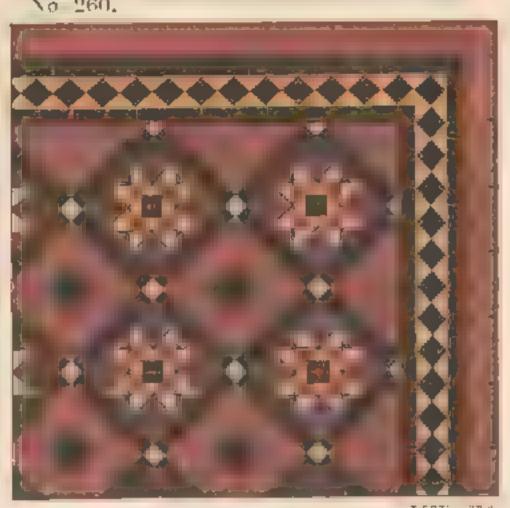
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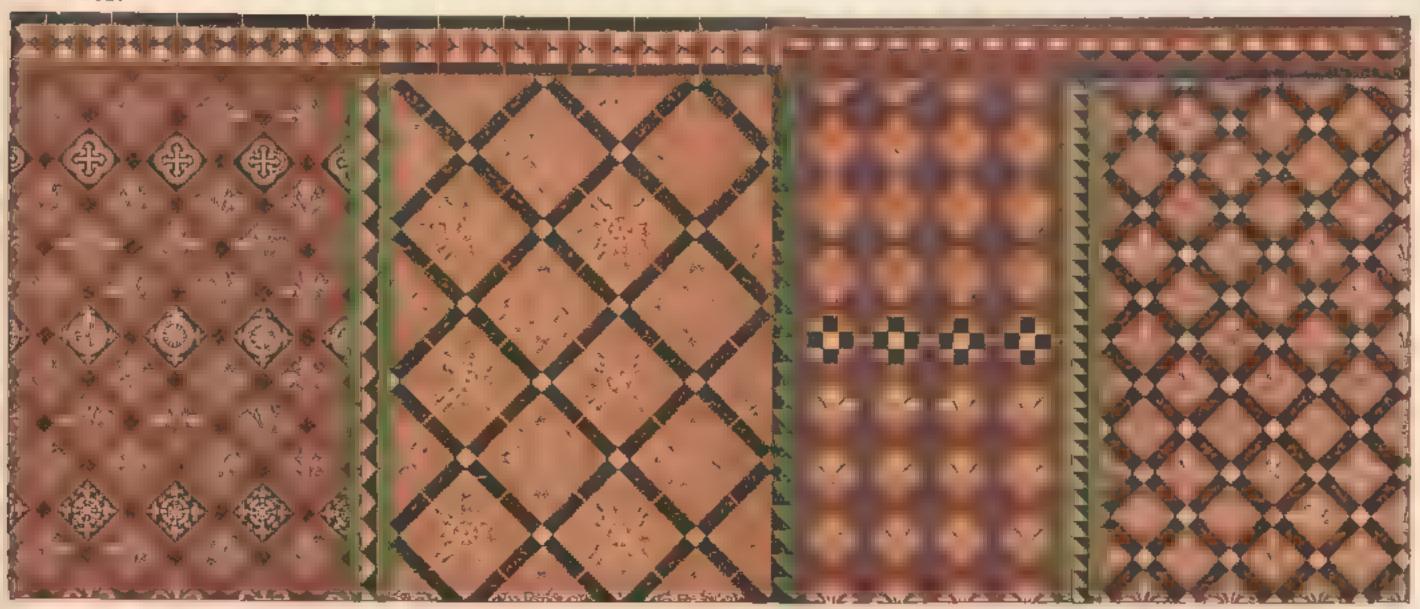


SCALE, & OF AN INCH TO A FOOT

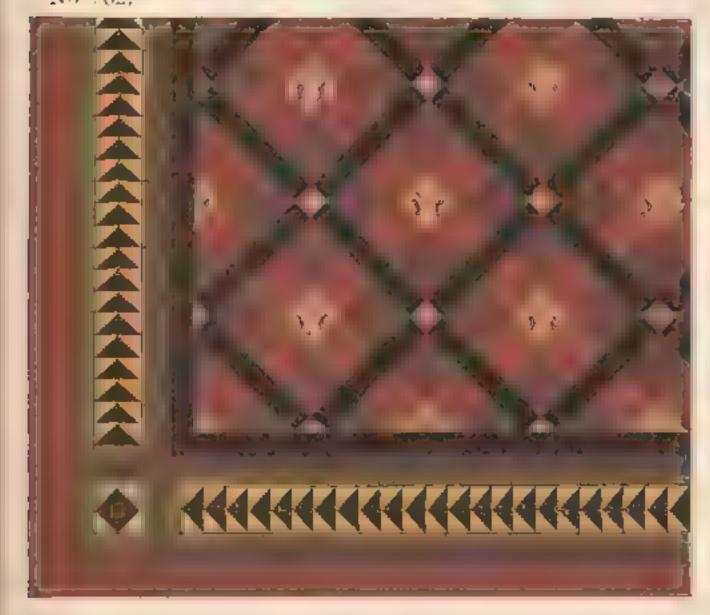


BENTHALL WORKS, BROSELEY, SHROPSHIRE.

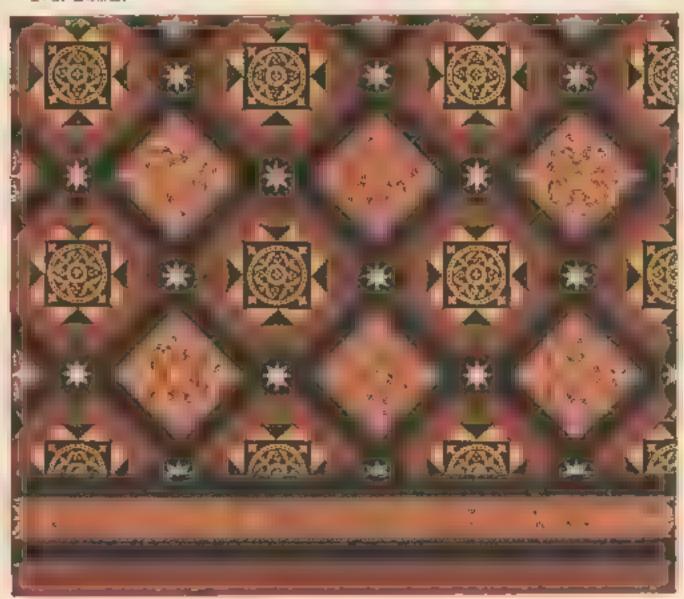
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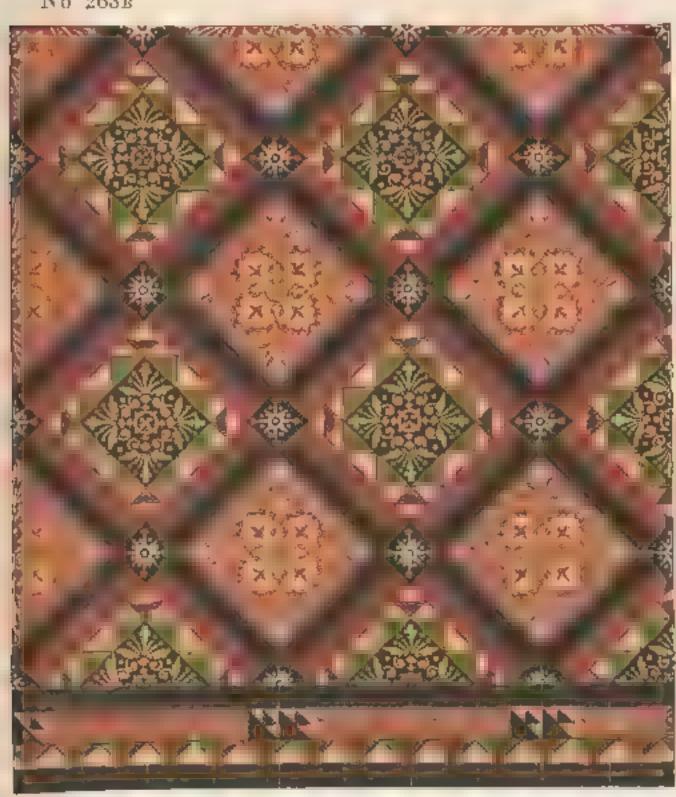
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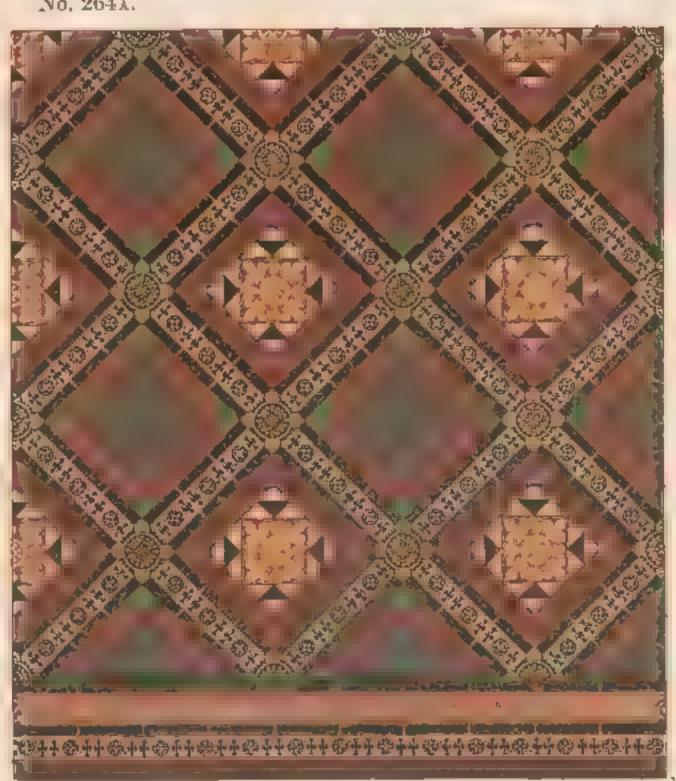
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No 263B



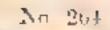
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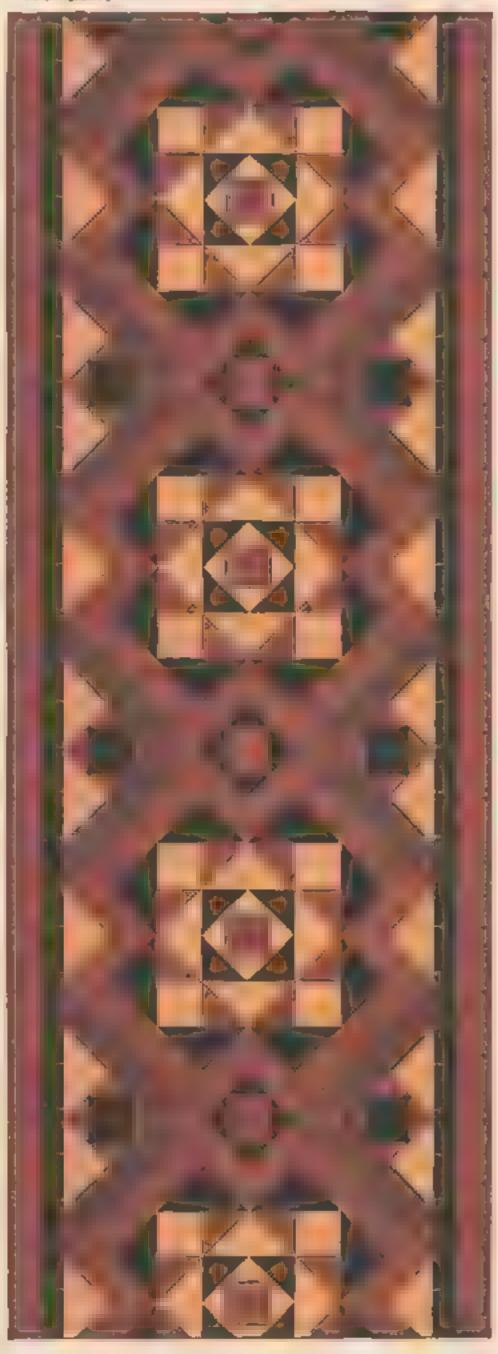




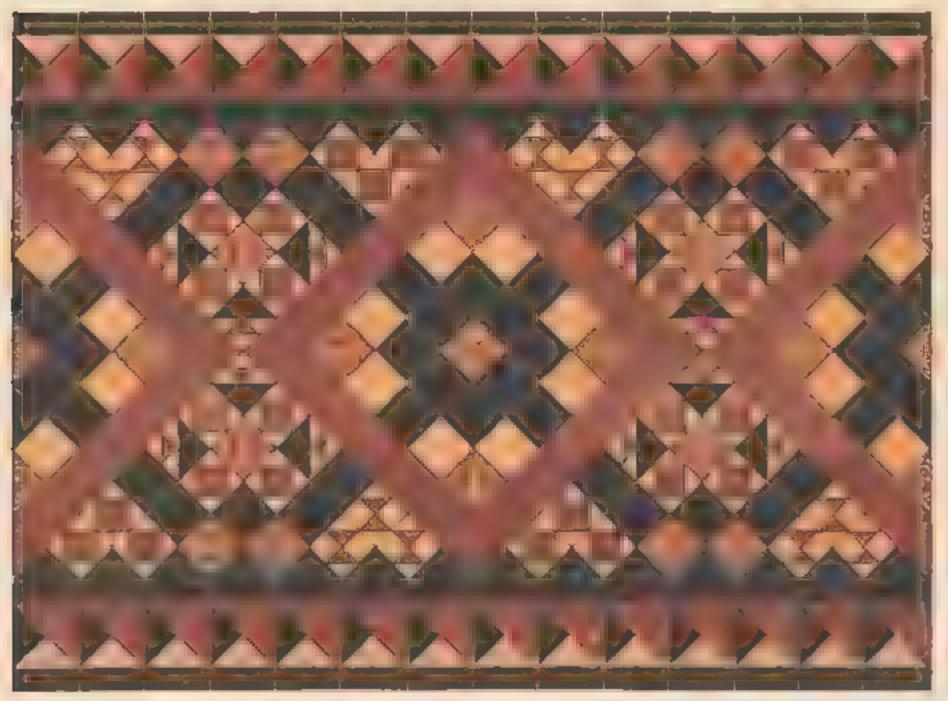
No 266



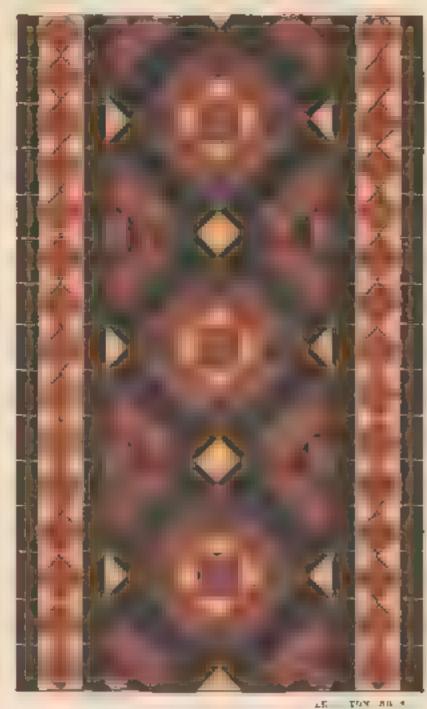
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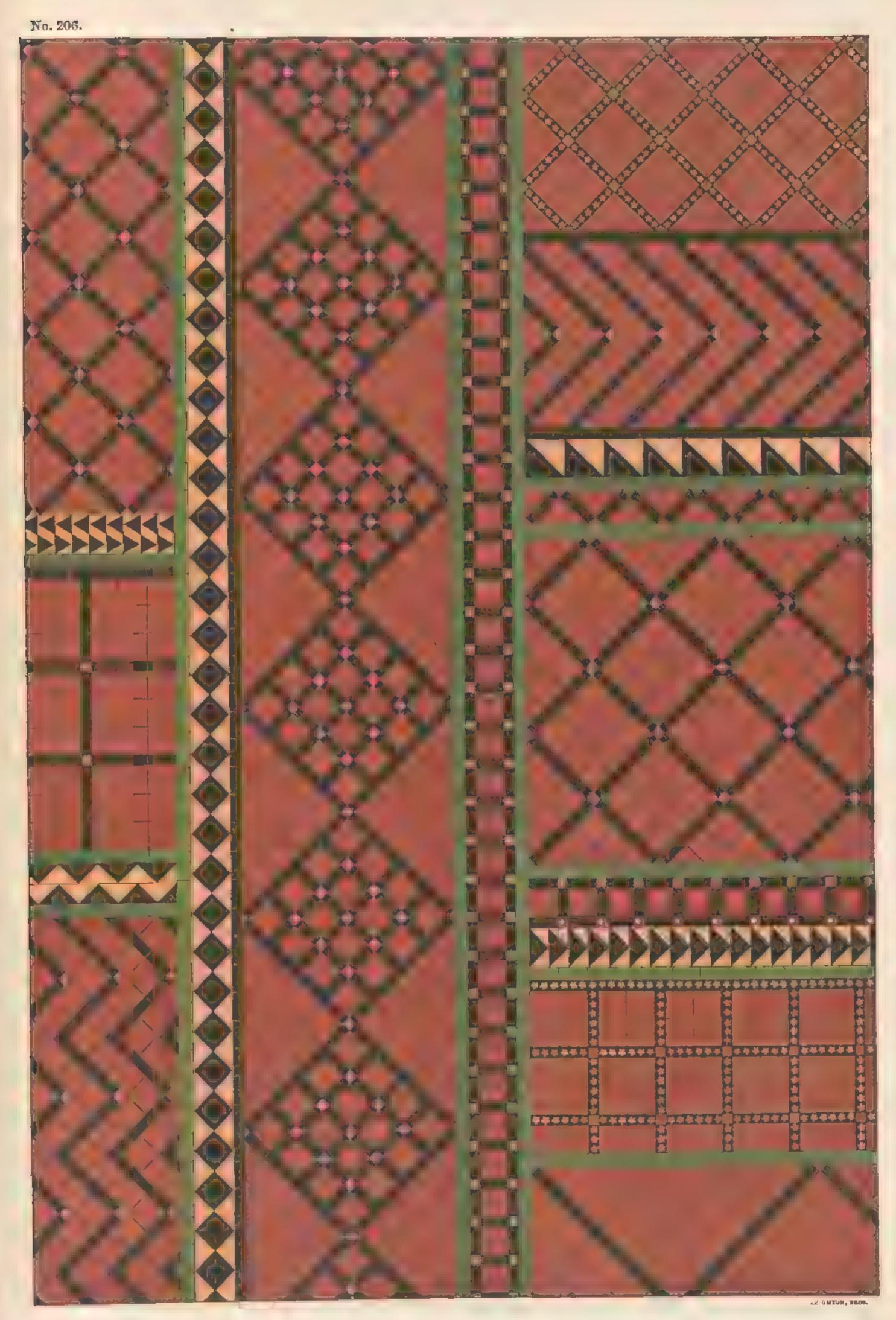
No. 267.



SCALE, 2 OF AN INCH TO A FOOT



MENTHALL WORKS, BROSELEY, SHROPSHIRE



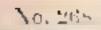
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BUALE & OF AN INCH TO A FOOT



MAW AND CO'S TILE PAVEMENTS.

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MAW AND CO.S TILE PAVEMENTS

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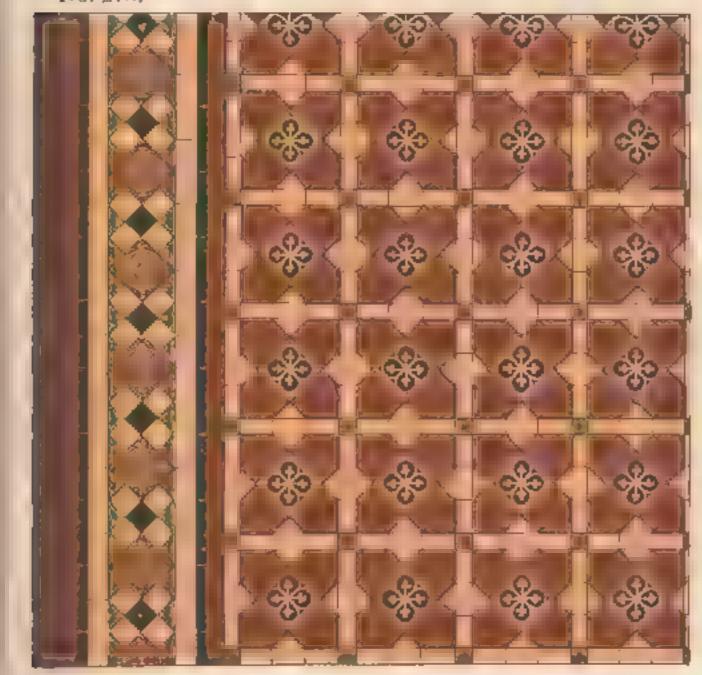
No. 273



No. 274



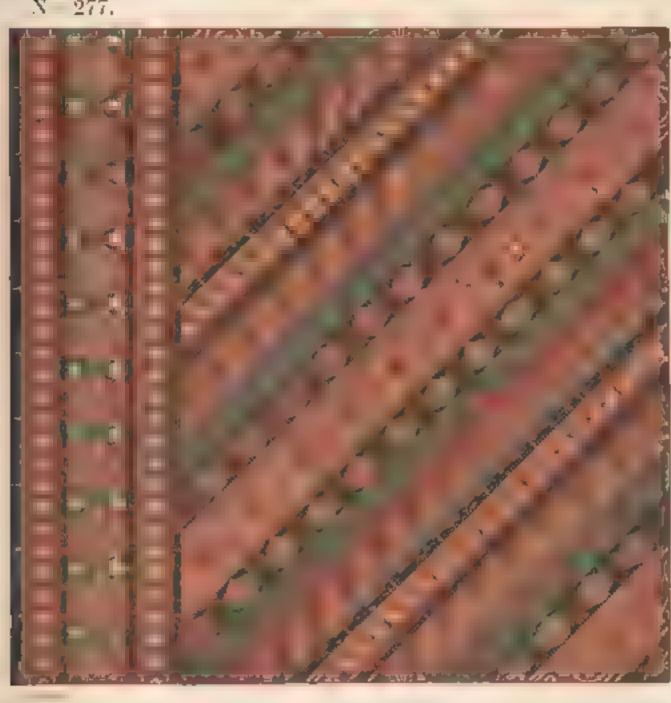
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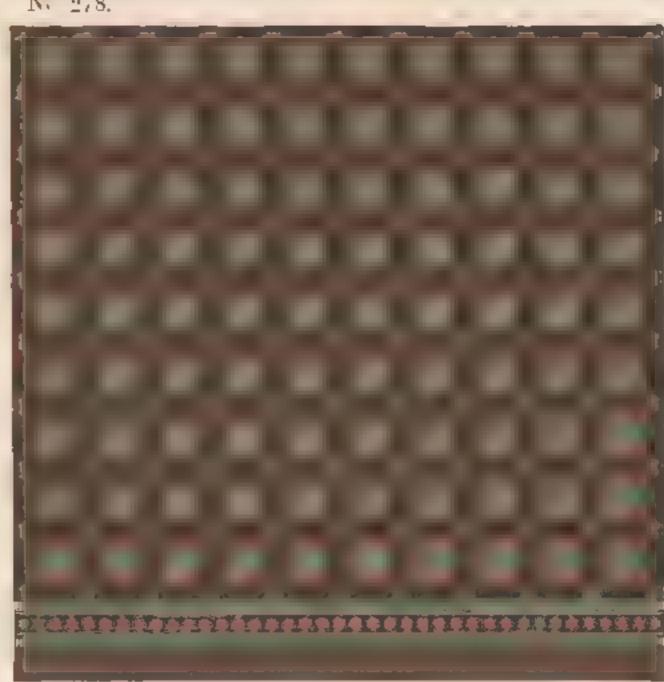
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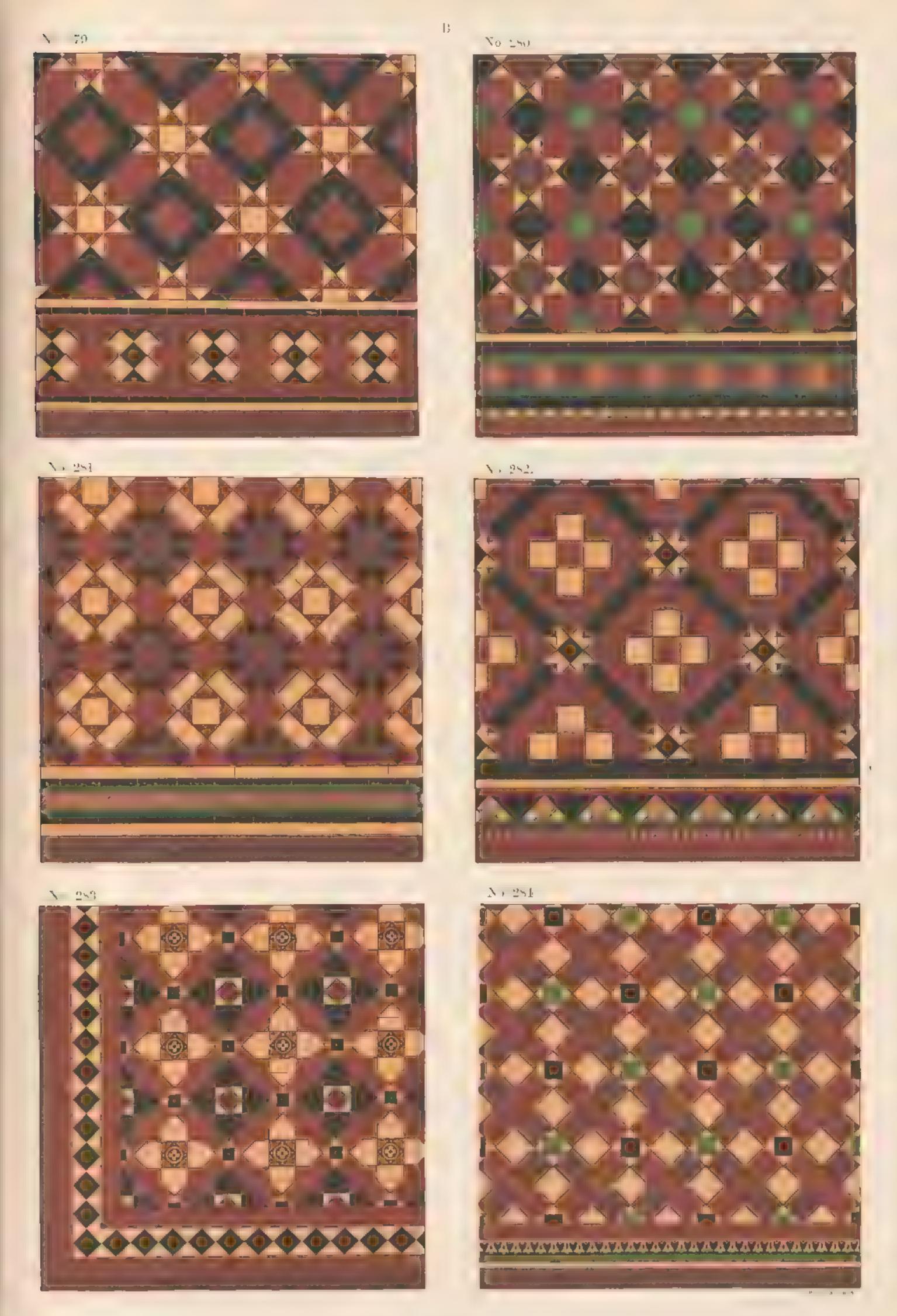


N. 278.





MAW AND CO.S TILE PAVEMENTS





MAW AND CO'S TILE PAVEMENTS.

BENTHALL WORKS, BROSELEY, SHROPSHIRE





MAW AND CO.'S TILE PAVEMENTS.

BENTHALL WORKS, BROSELEY, SHROPSHIRE.

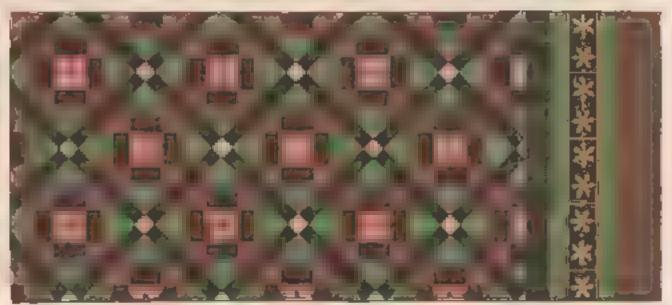
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No. 292.



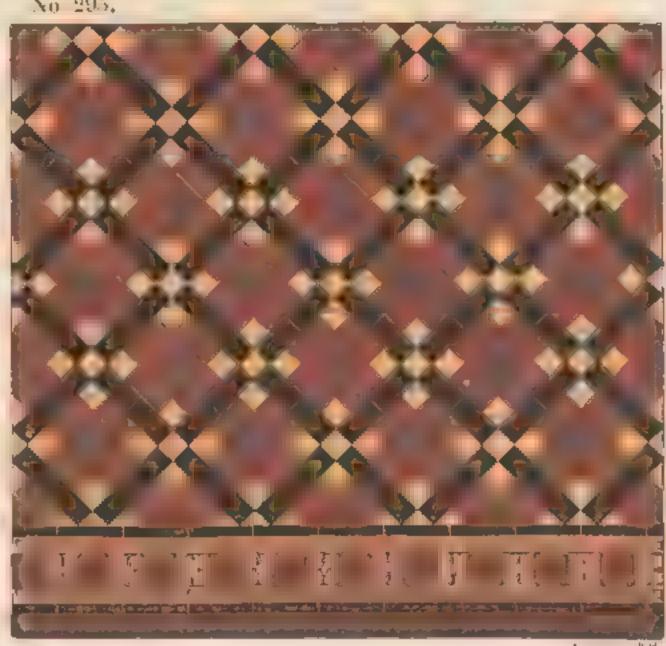
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No. 294.



No. 295,

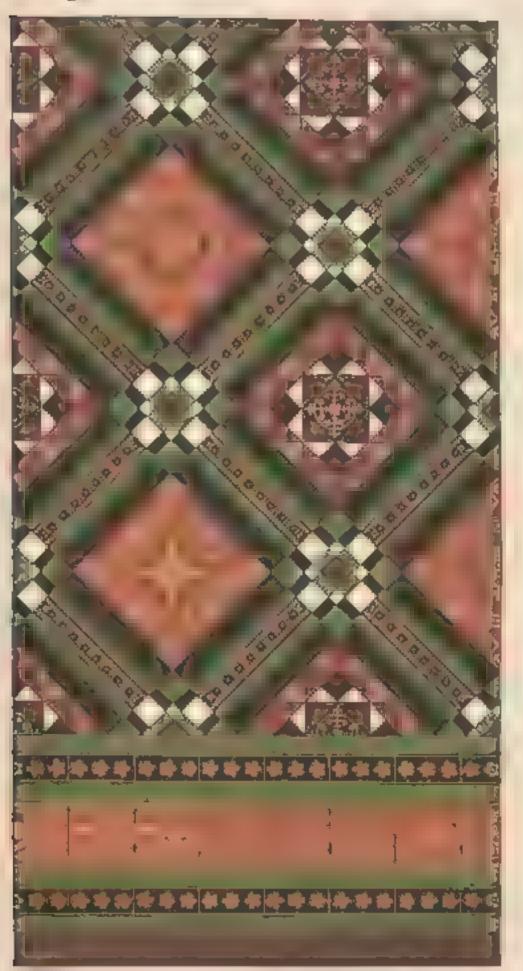




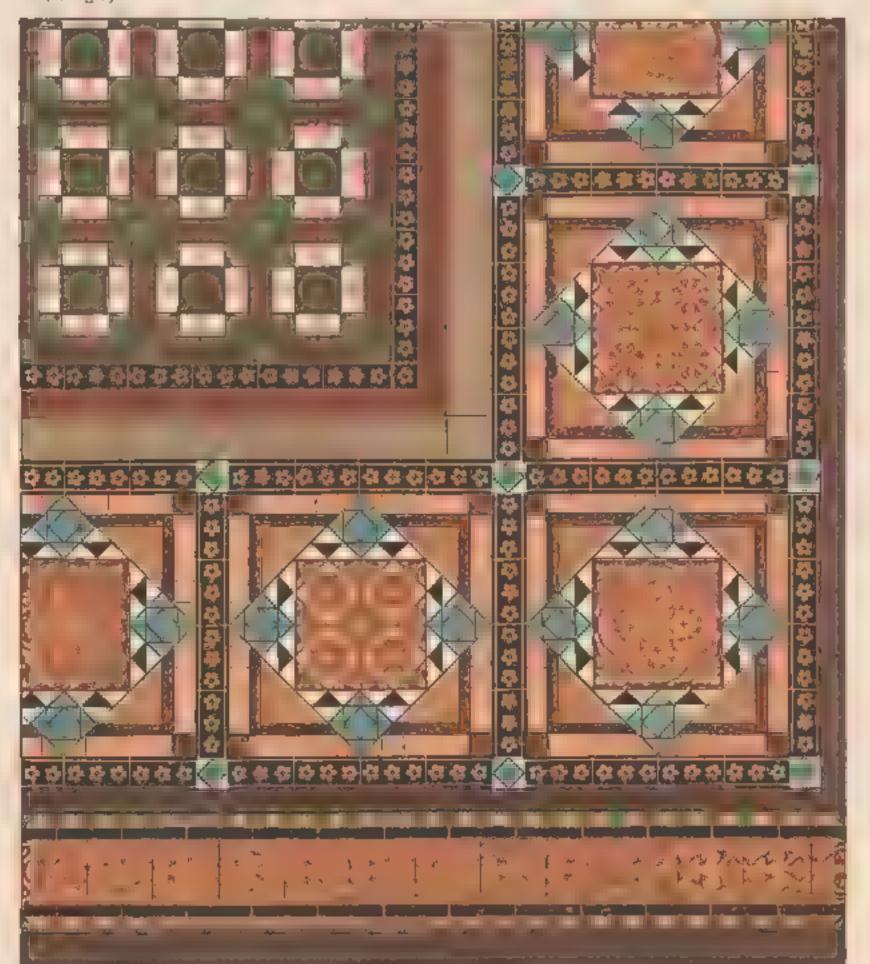
MAW AND CO'S TILE PAVEMENTS

, BROSELEY, SHROUSHIRE

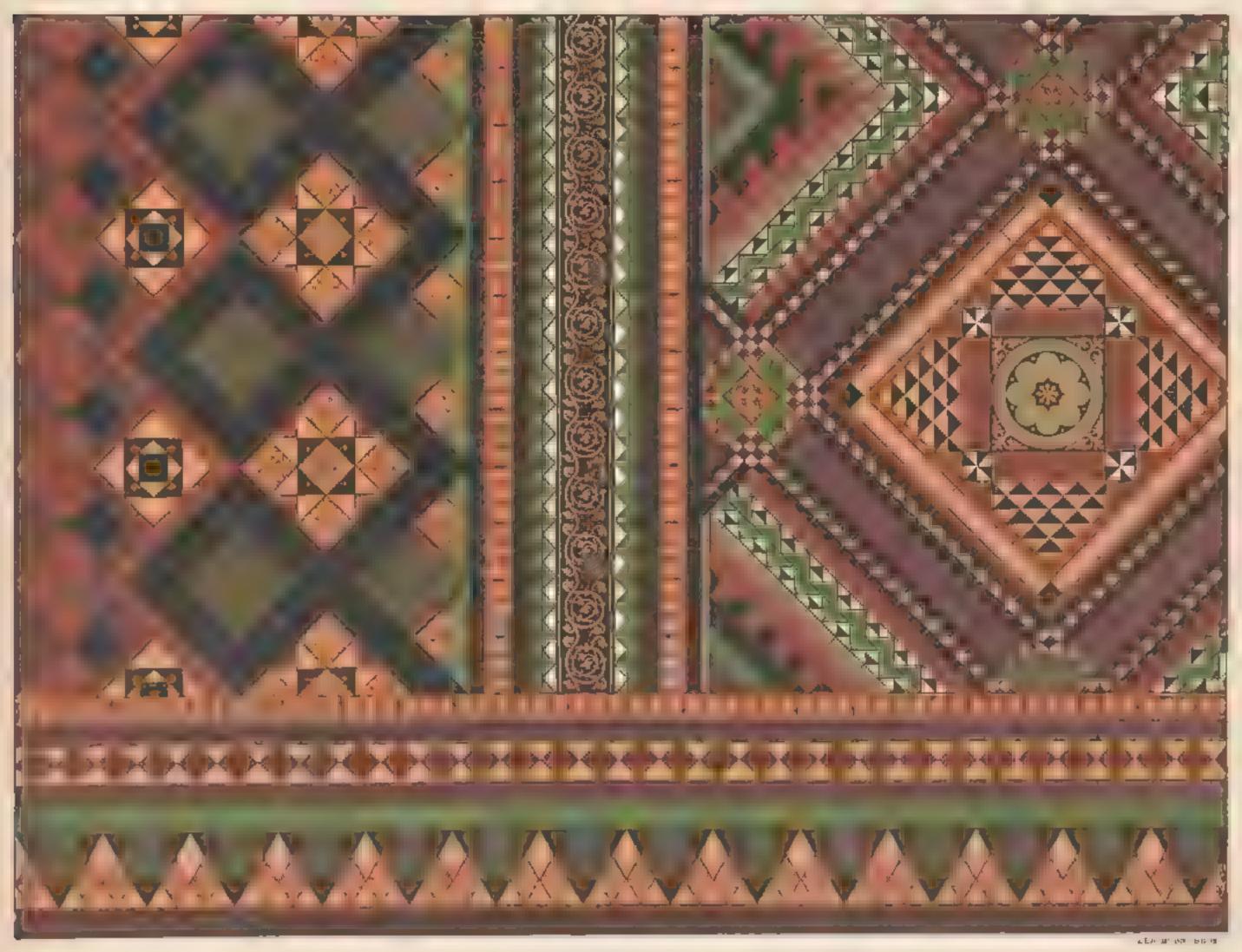
No 206



No 217



No. 208





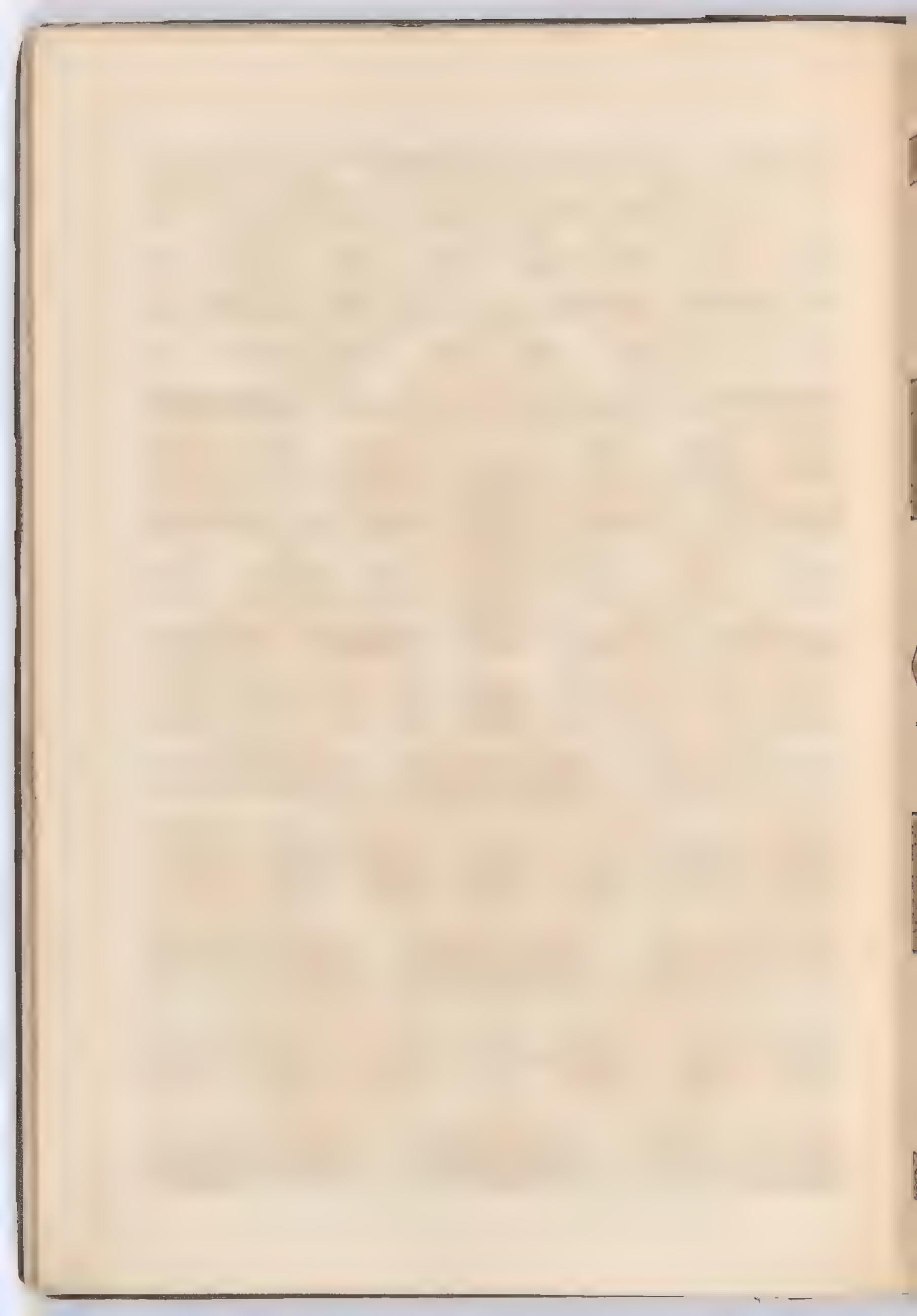
MAW AND CO'S ENCAUSTIC TILES.

BENTHALL WORKS BROSELEY, SHROPSHIRE

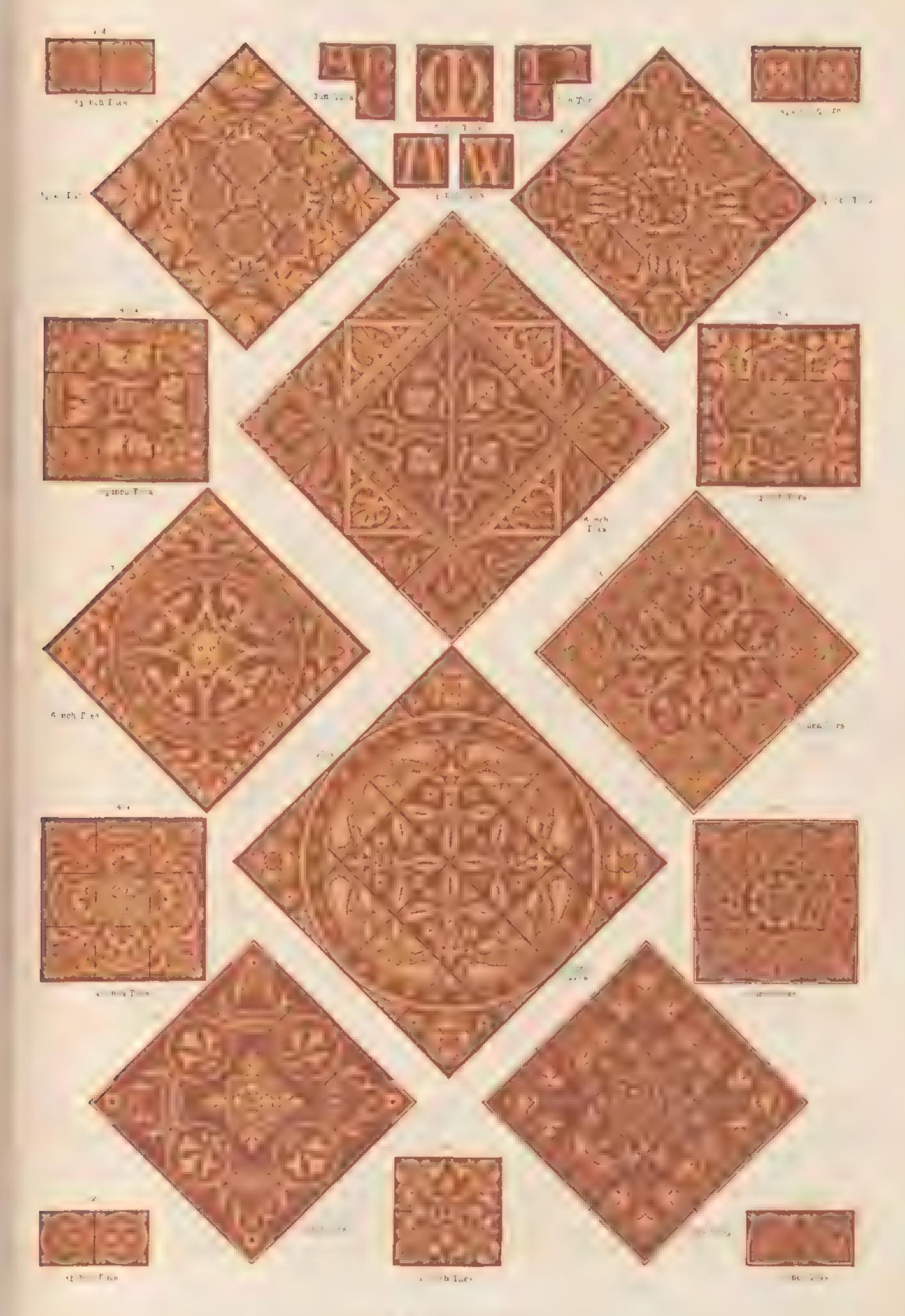


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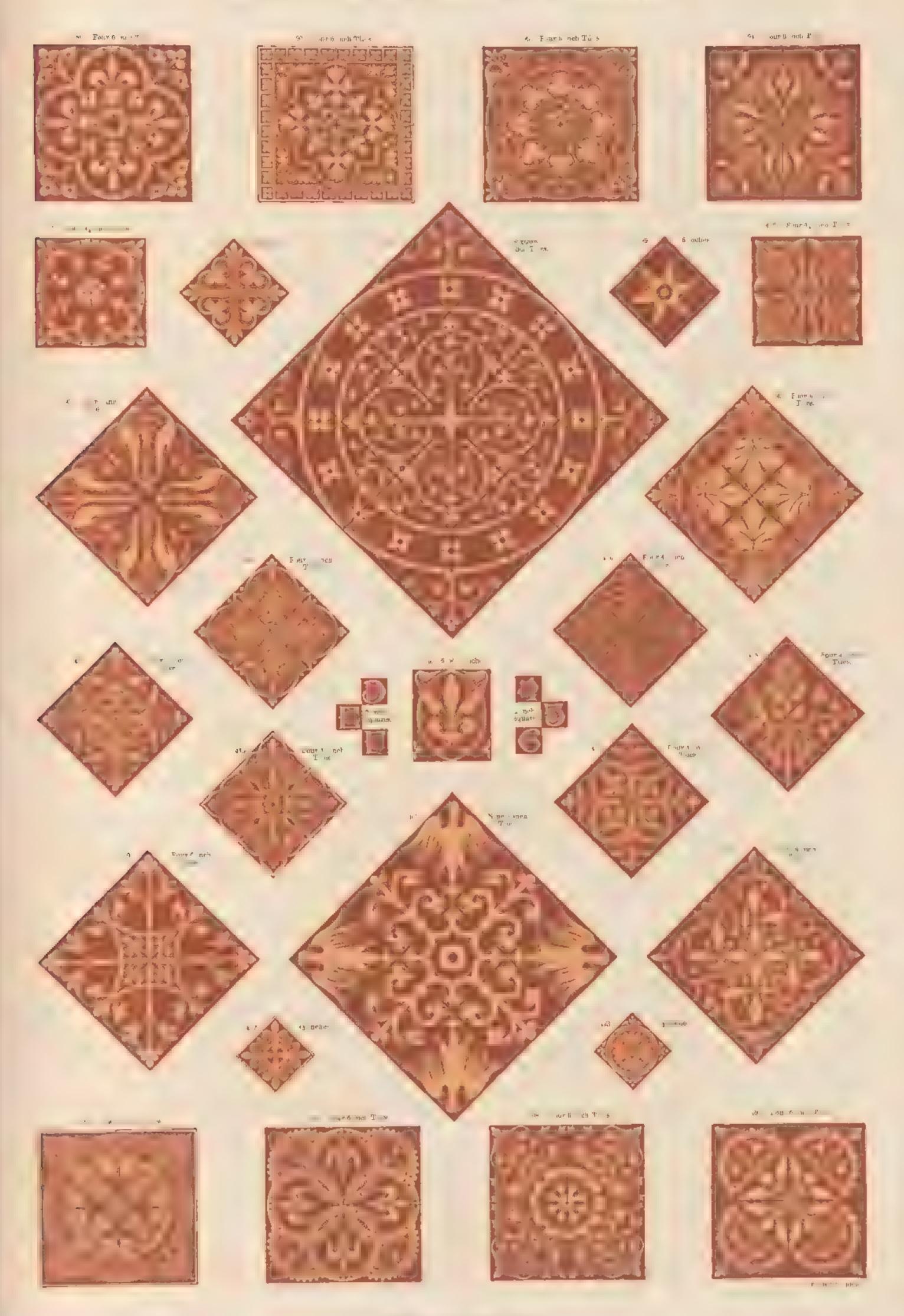
MAW AND CO.'S ENCAUSTIC TILES,
BENTHALL WORKS, BROSELEY, SHROPSHIRE





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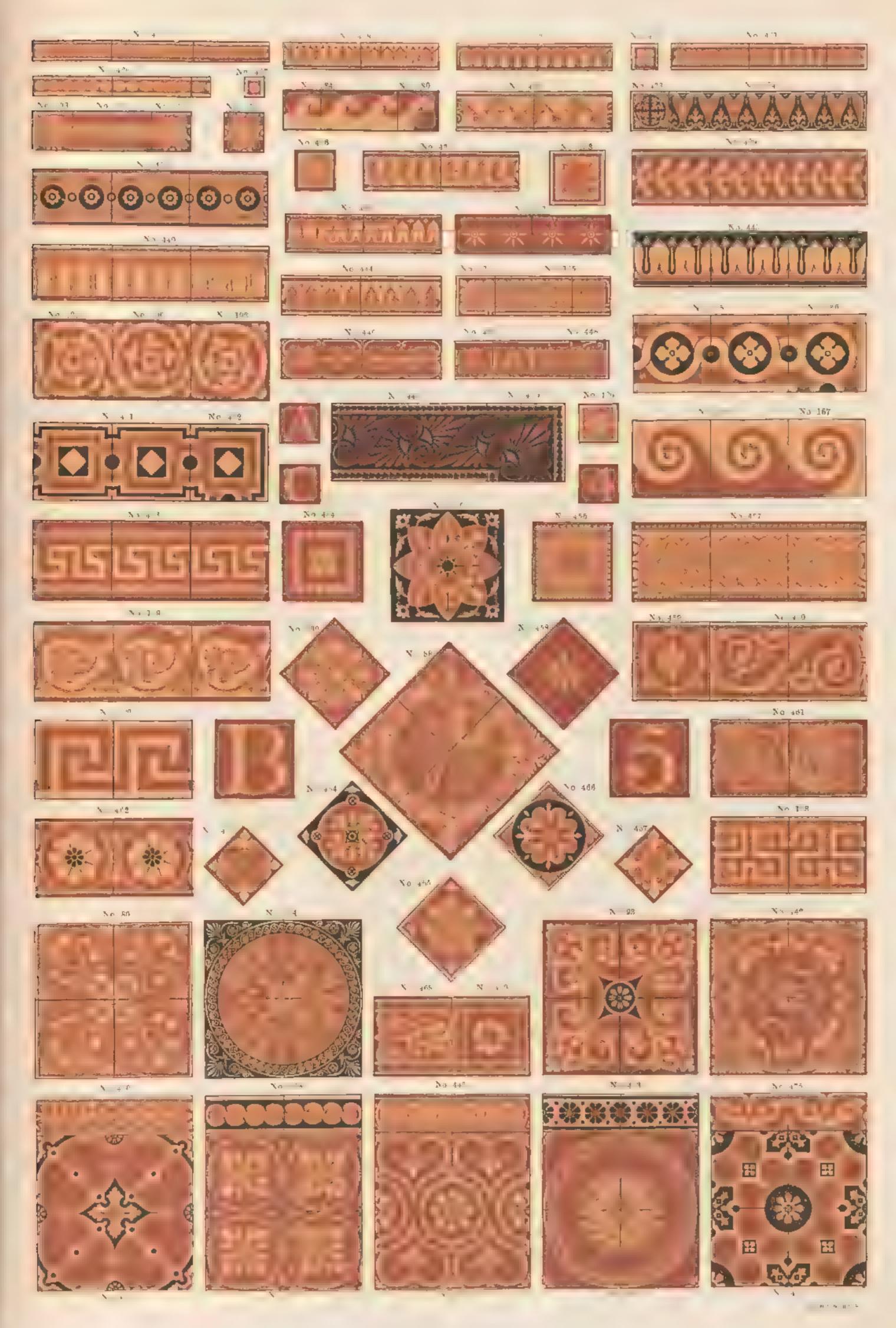


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MAW AND CO.'S ENCAUSTIC TILES,

BENTHALL WORKS, BROSELEY, SHROPSHIRE.





MAW AND CO.'S TILE PAVEMENTS, BENTHALL WORKS, BROSELEY, SHROPSHIRE

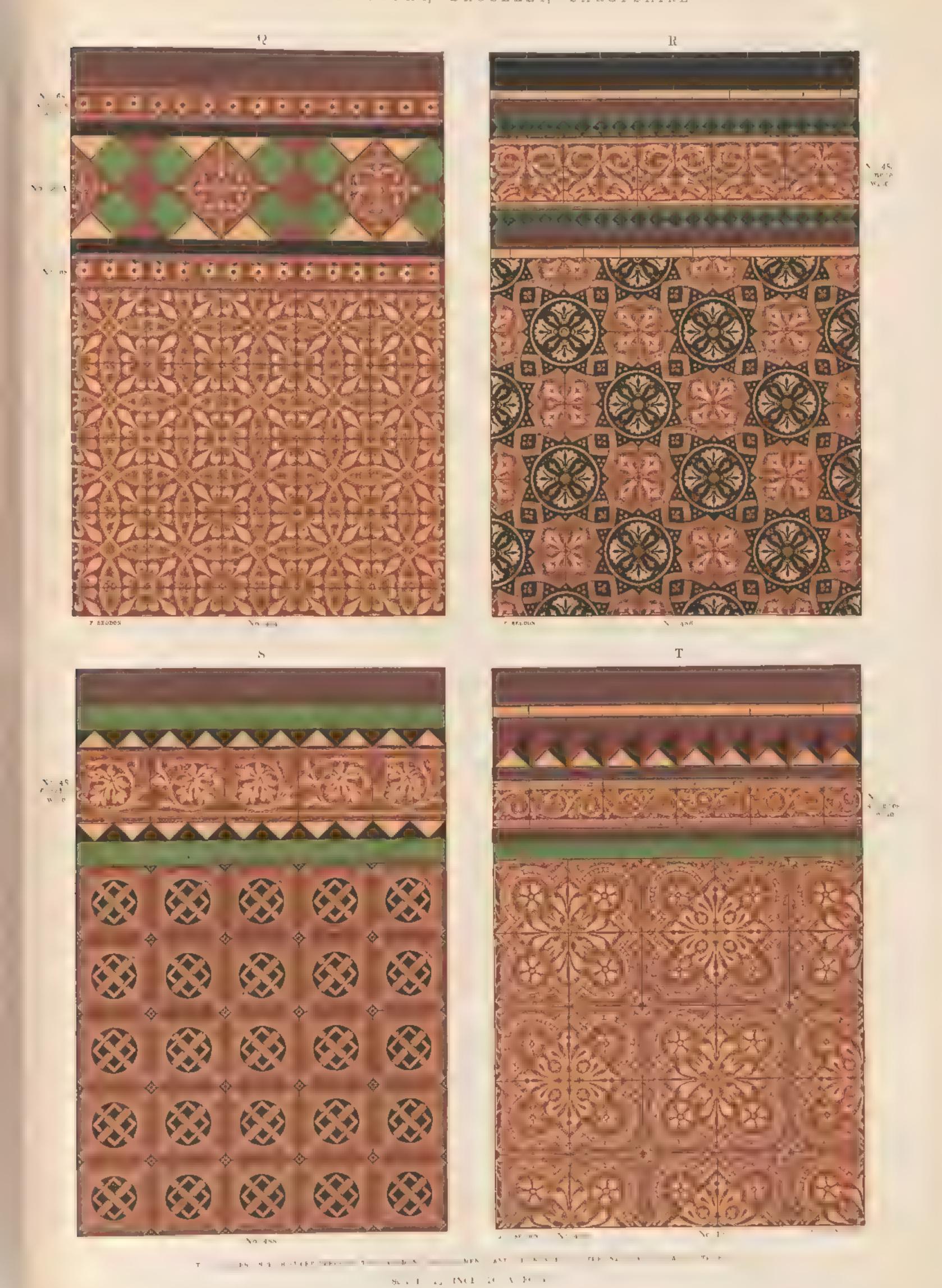


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SCALE, 11 INCH TO A FOOT



MAW AND CO.S TILE PAVEMENTS BENTHALL WORKS, BROSELEY, SHROPSHIRE





MAW AND CO'S MAJOLICA AND ENAMELLED TILES,

For Wall Linings, Dados, Friezes, String Courses, Fire Places, &c.

BENTHALL WORKS, BROSELF SHROPSHIRE



SCALE, 14 INCH TO A FOOT



MAW AND CO.'S MAJOLICA AND ENAMELLED TILES,

For Wal, Linings, Dados Friezes String Courses Fire Pinces, &c

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MAW AND CO.'S MAJORICA AND ENAMELLED TILES

For Wall Linings, Dados, Friezes, String Courses Fire Places & .

BENTHALL WORKS 'T'











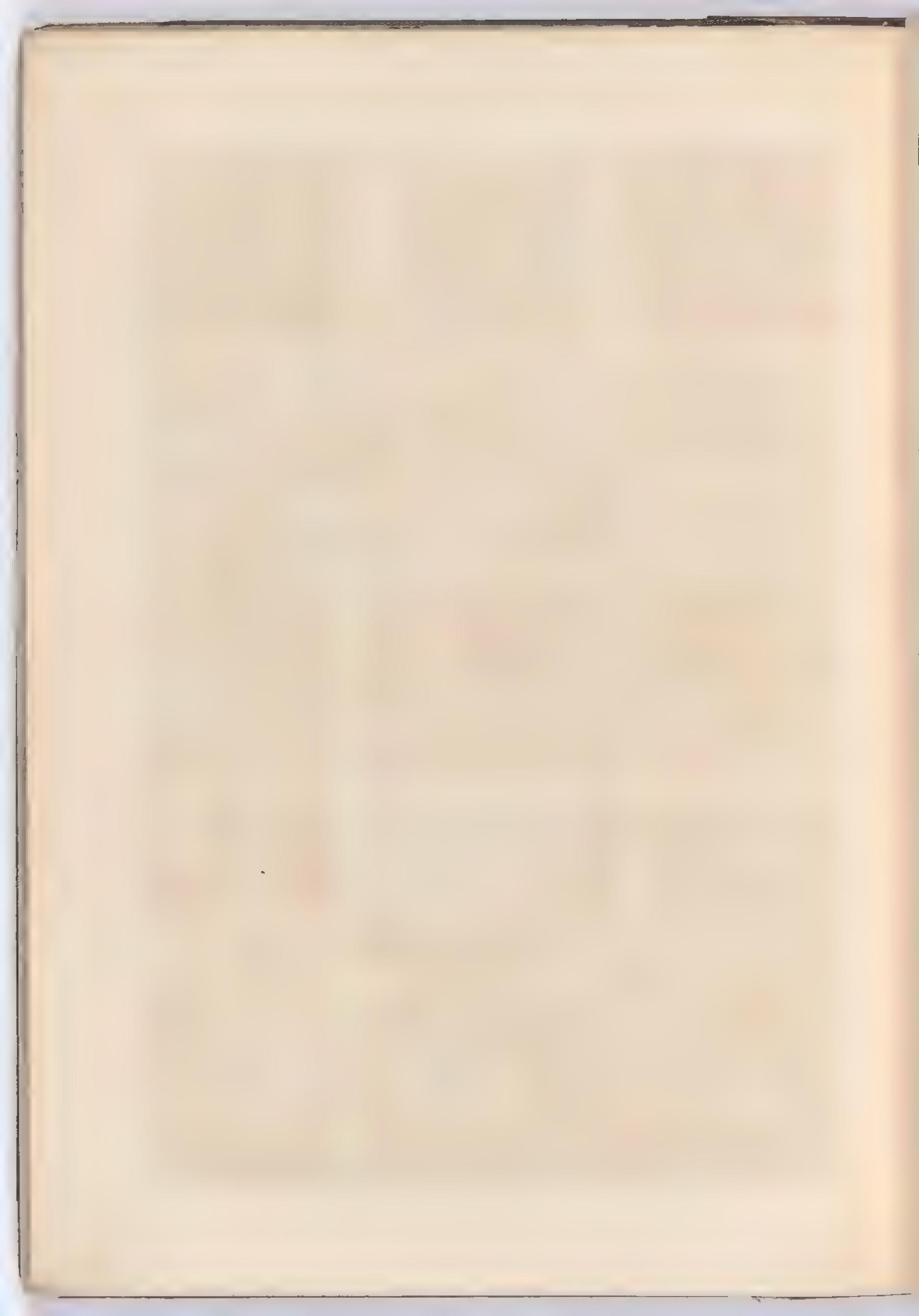
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MAW AND CO.'S ENCAUSTIC TILES,

BENTHALL WORKS, BROSELEY, SHROPSHIRE.





MAW AND COS ENCAUSTIC TILES.

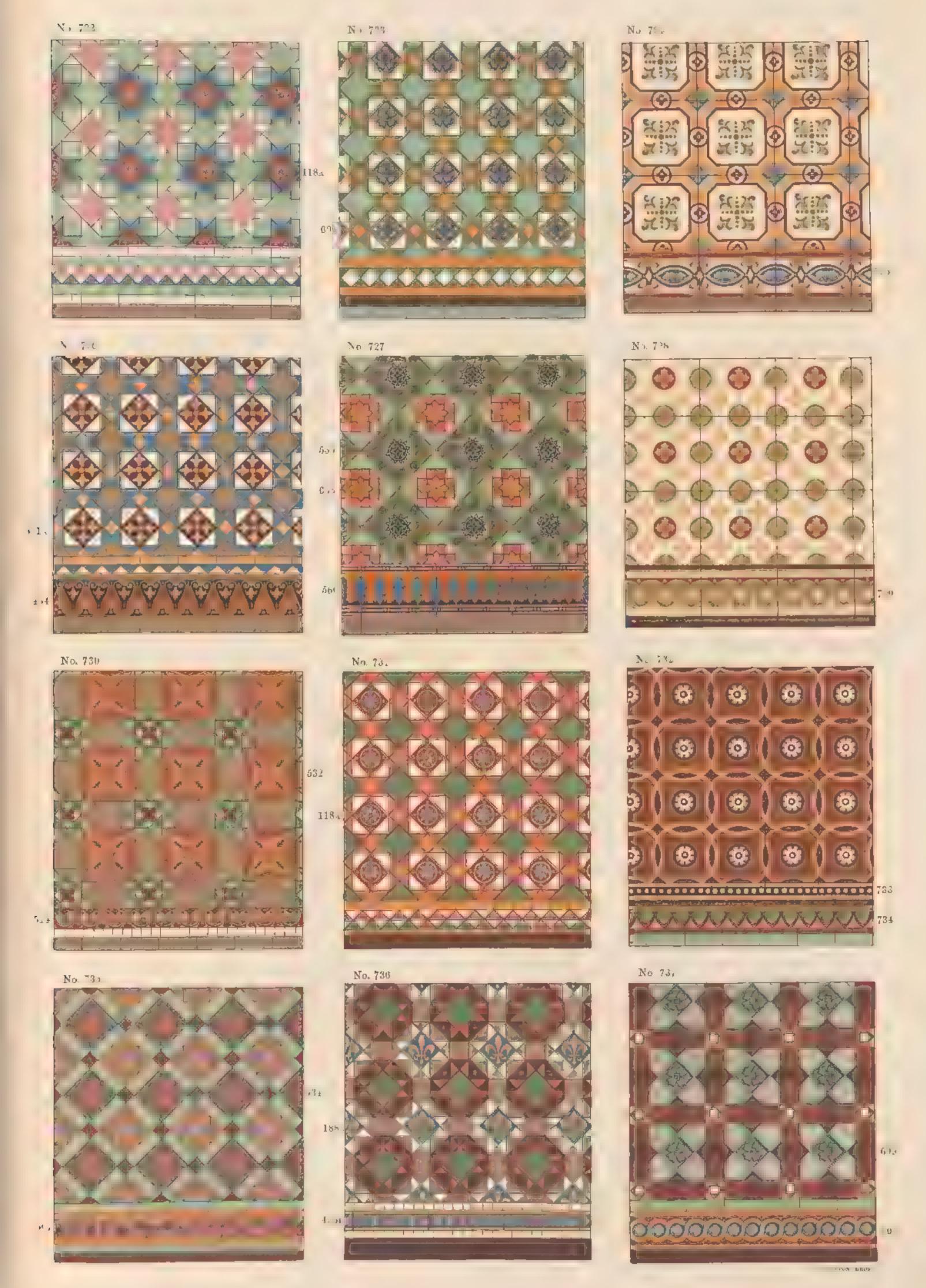
BENTHALL WORKS, BROSELEY, SHROPSHIRE





MAW AND CO.'S ENAMELLED HEARTH PAVEMENTS.

BENTHALL WORKS, BROSELEY, SHROPSHIRE.

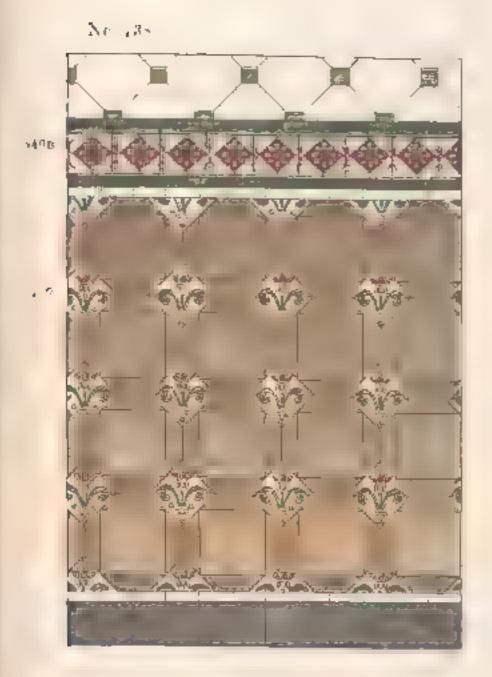


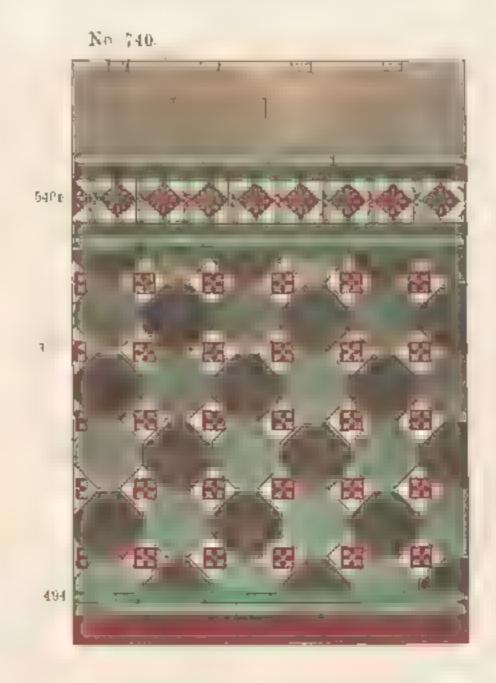


MAW AND CO.'S MAJOLICA AND ENAMELLED TILES,

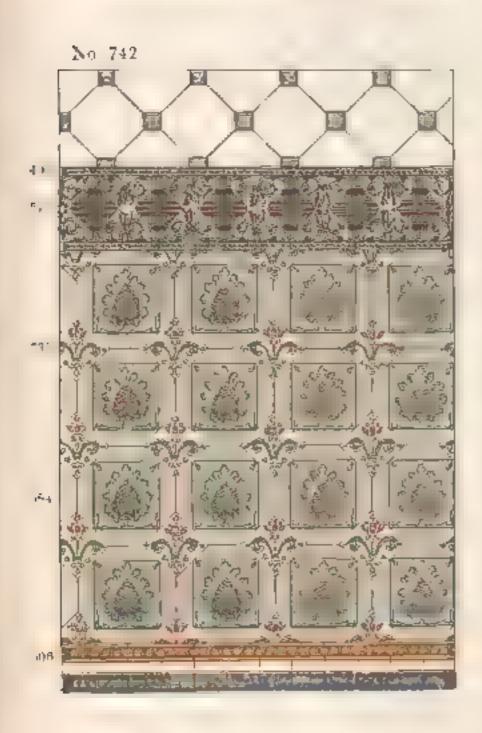
For Wall Linings, String Courses, and Dados, &c.

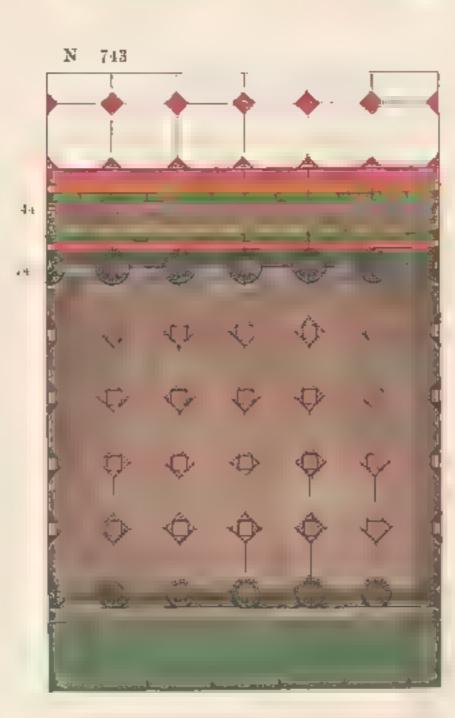
BENTHALL WORK, BROSELEY, SHROPSHIRE.

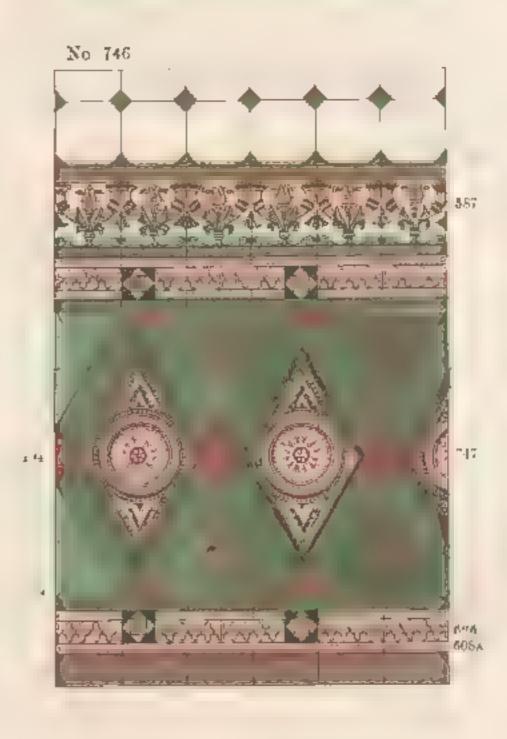


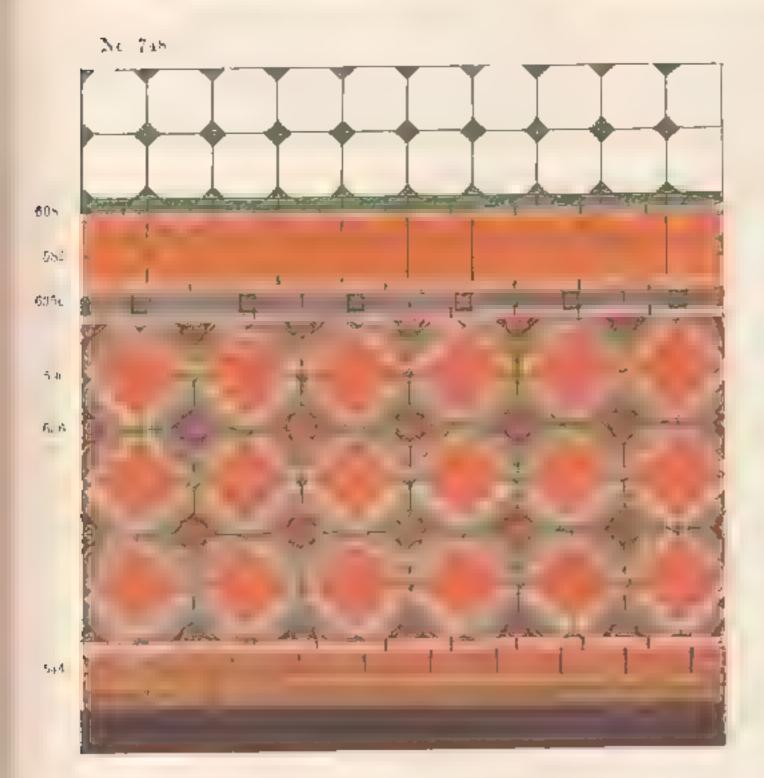


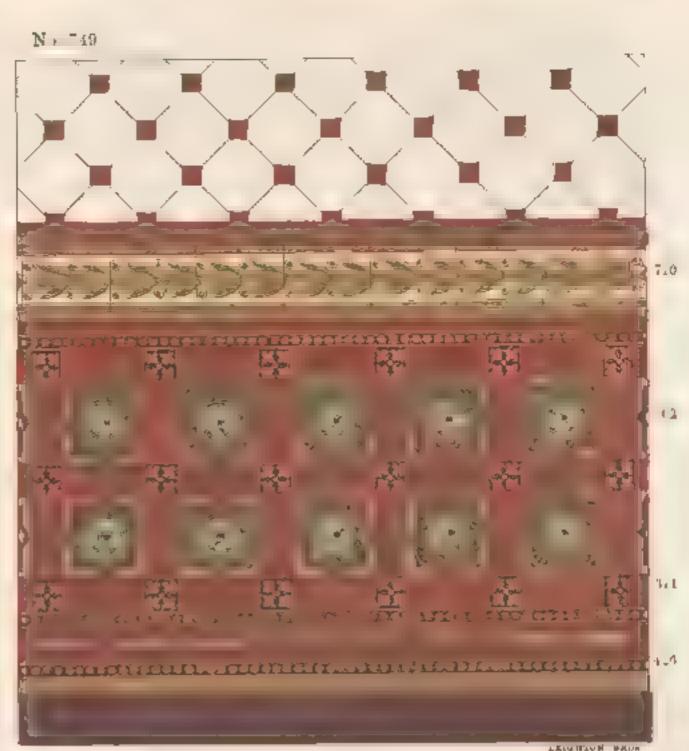


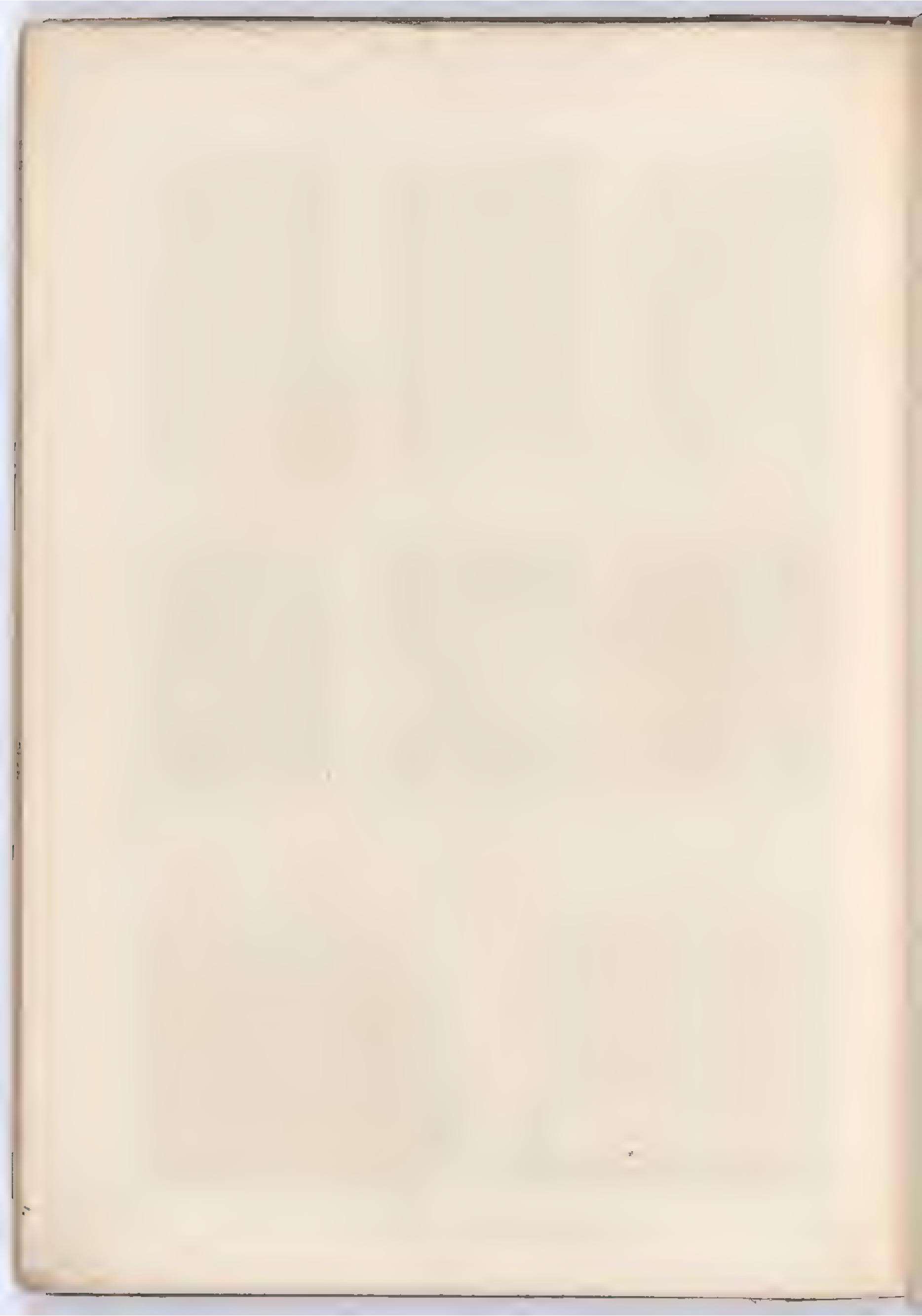












MAW AND CO'S MAJOLICA TILES AND ENAMELLED FIRE PLACE LININGS.

. THALL WORKS BROSELEY, SAROPSHIRE

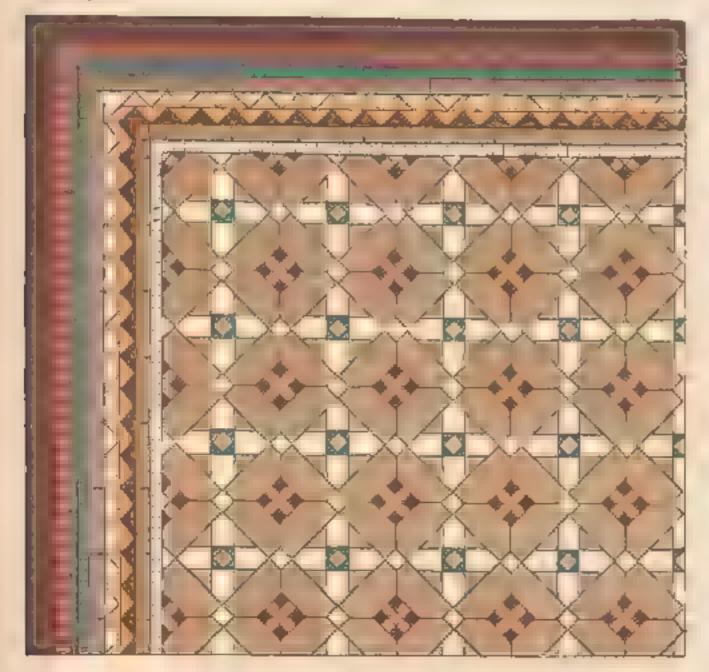


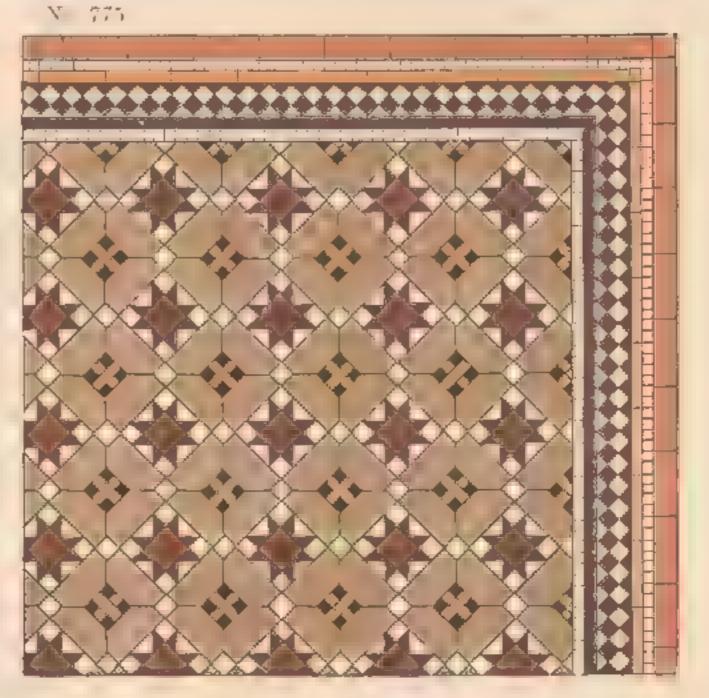


J 3 SHROPSHIRE

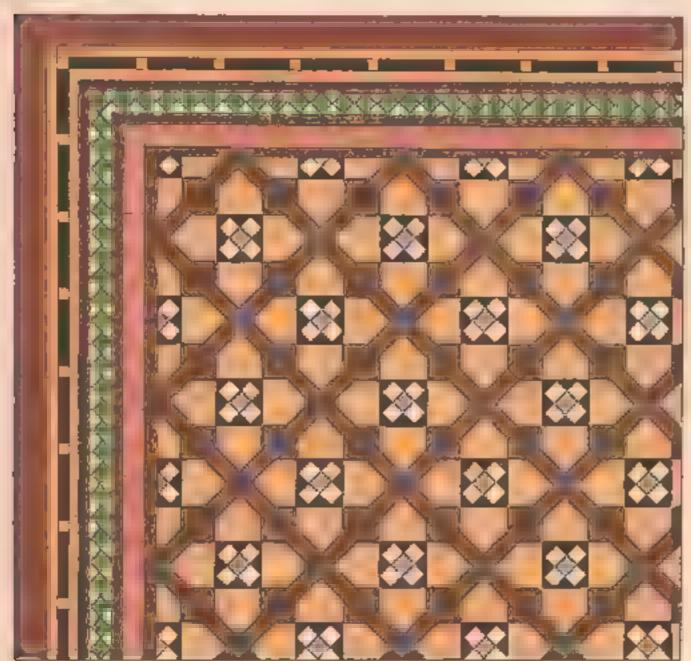
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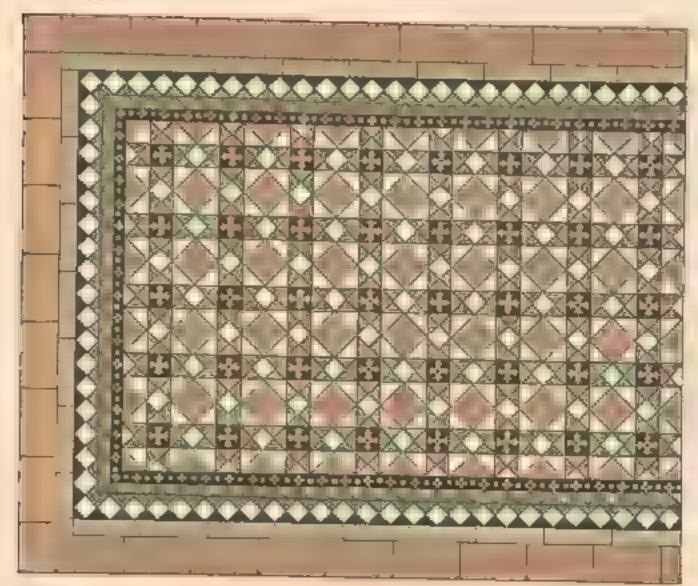


MAW AND COS THE PAVEMENTS

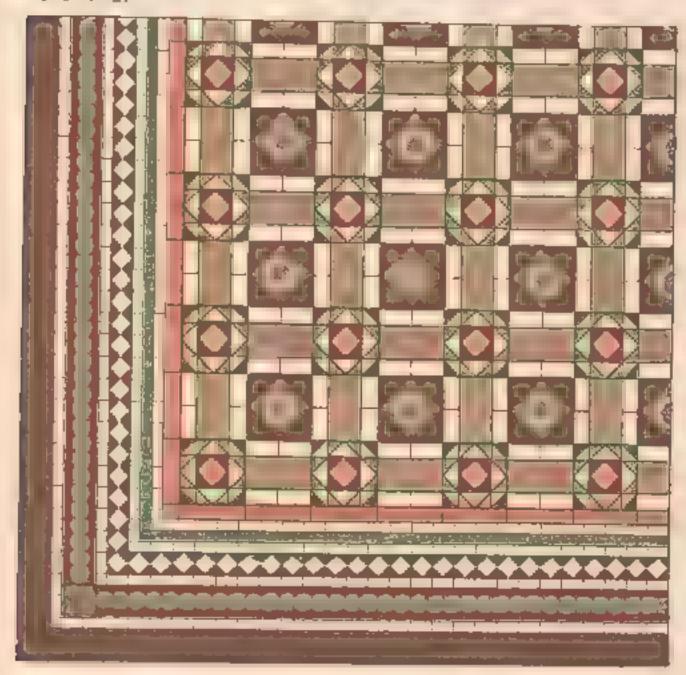
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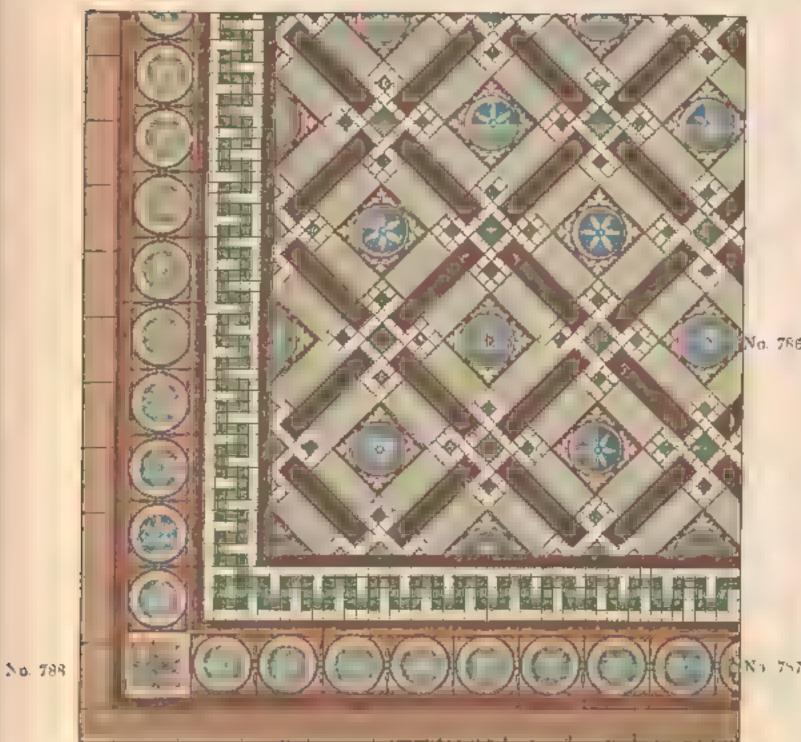
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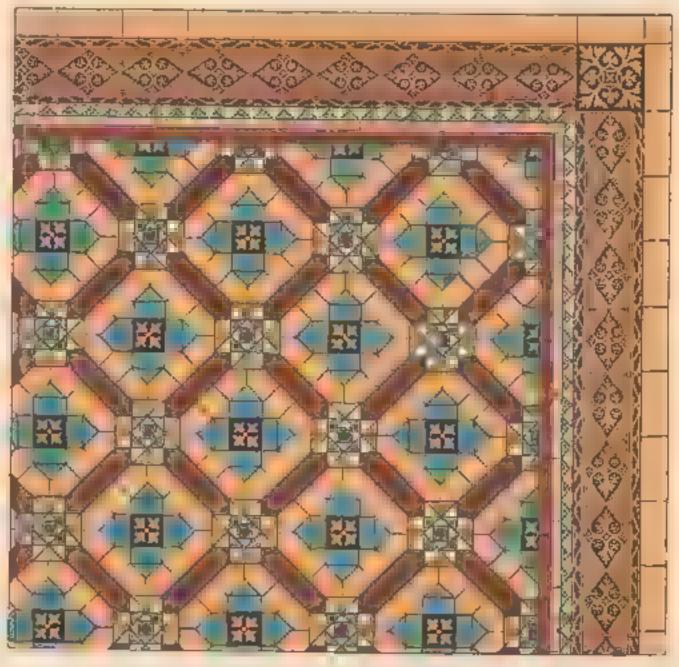
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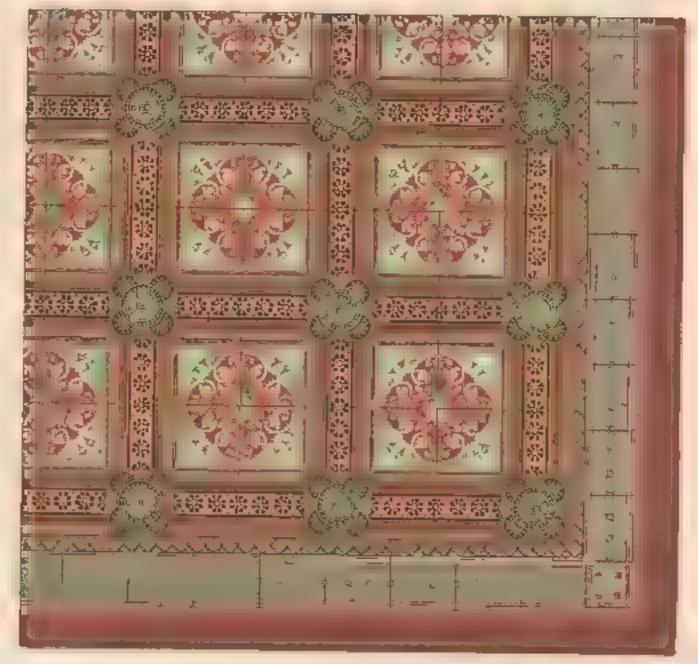
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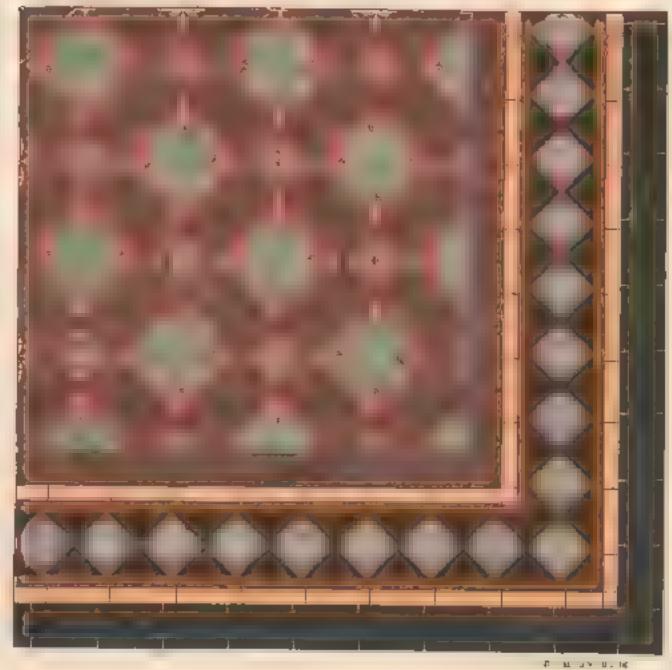
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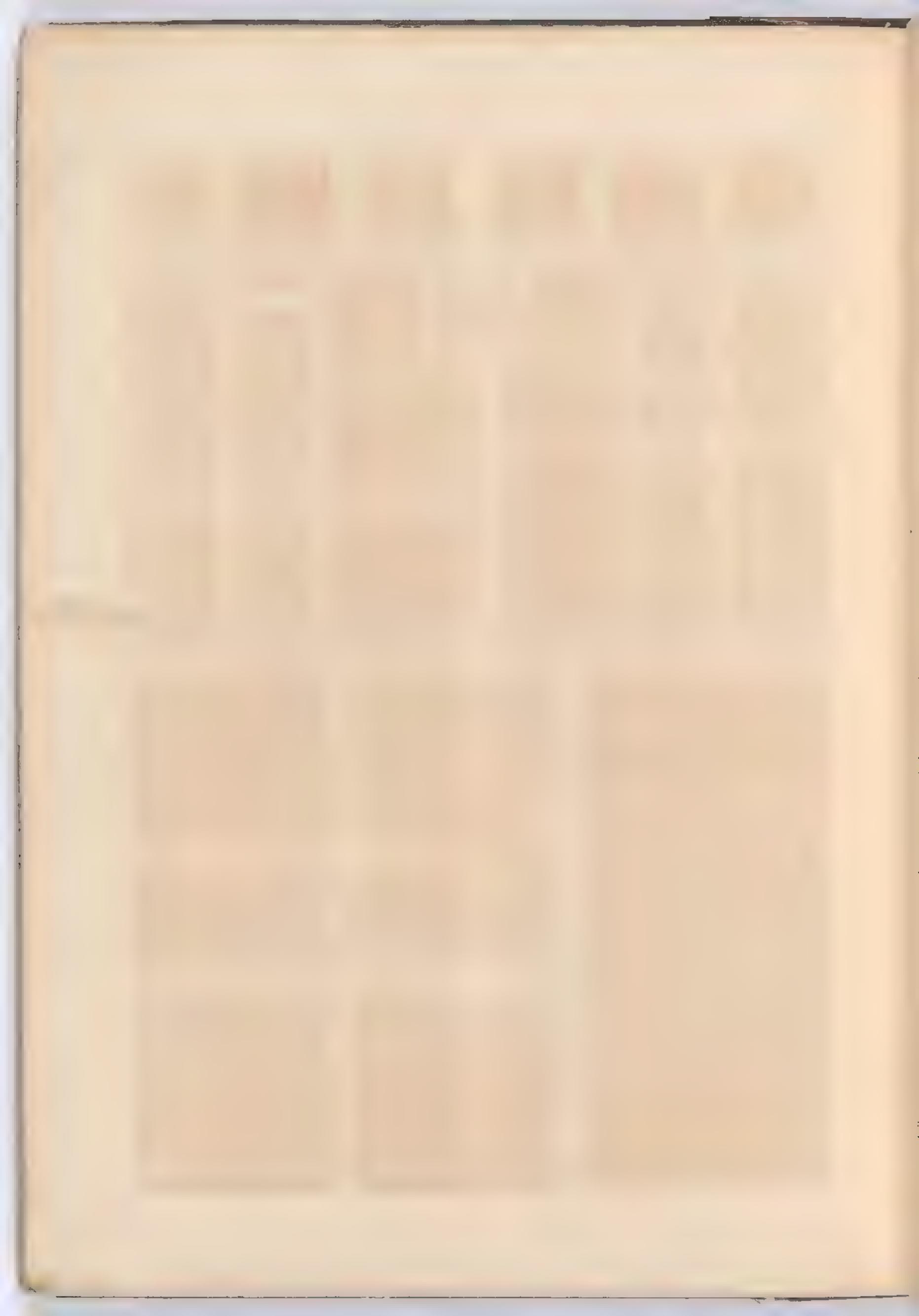


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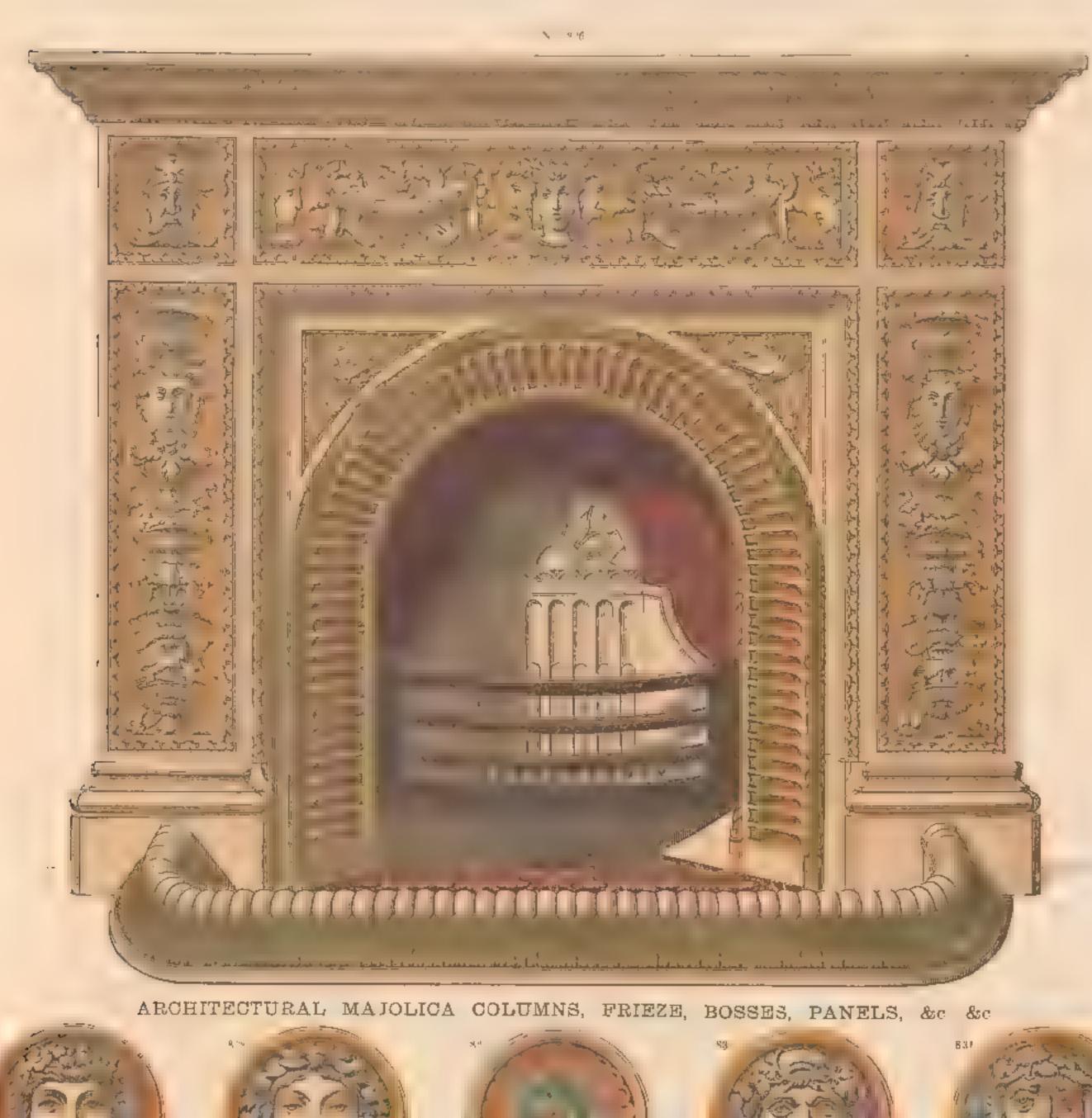
MAW AND CO.'S TILES FOR WALL LINING, FIRE-PLACE PANELS, &c. IN HIGH RELIEF, MAJOLICA, PÂTE-SUR-PÂTE, INCISING AND ENAMEL



SCALE, 11 INCH TO A FOOT



MAW AND CO'S REGISTERED ENAMELLED TERRA-COTTA FIRE-PLACE,
CHIMNEY PIECE, FENDER, AND TILE HEARTH.



ARCHITECTURAL MAJOLICA COLUMNS, FRIEZE, BOSSES, PANELS, &c &c

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